



Capped Bonus Certificates on Indices

- NON-US INVESTORS ONLY - NON-PRINCIPAL PROTECTED -
Final Terms and Conditions as of July 15, 2019 (Version 2.00)

All material herein is for discussion purposes only and is only a summary. Reference should be made to the Prospectus, which contains the only legally binding terms of the Certificates and other information related to the Issue. The Prospectus is obtainable free of charge from the Issuer/Lead Manager/Certificate Agent. Before investing in the Securities you should read the risk factors described under Risk Information below and in the Prospectus. The Final Terms may describe additional risk factors relating to the Securities.

PRODUCTS

ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA8ZV65	GA8ZV6	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 16,000	EUR 16,000	EUR 143.22	October 18, 2019	500,000
DE000GA8ZV73	GA8ZV7	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 22,400	EUR 22,400	EUR 206.28	October 18, 2019	500,000
DE000GA8ZV81	GA8ZV8	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 15,500	EUR 15,500	EUR 138.01	October 18, 2019	500,000
DE000GA8ZV99	GA8ZV9	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 30,800	EUR 30,800	EUR 247.74	October 18, 2019	500,000
DE000GA8ZVA7	GA8ZVA	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 20,000	EUR 20,000	EUR 196.68	October 18, 2019	500,000
DE000GA8ZVB5	GA8ZVB	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 28,000	EUR 28,000	EUR 221.27	October 18, 2019	500,000
DE000GA8ZVE9	GA8ZVE	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 14,200	EUR 14,200	EUR 139.02	October 18, 2019	500,000
DE000GA8ZVK6	GA8ZVK	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 22,400	EUR 22,400	EUR 203.83	October 18, 2019	500,000
DE000GA8ZVM2	GA8ZVM	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 13,000	EUR 13,000	EUR 129.09	October 18, 2019	500,000
DE000GA8ZVN0	GA8ZVN	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 18,600	EUR 18,600	EUR 157.79	October 18, 2019	500,000
DE000GA8ZVQ3	GA8ZVQ	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 14,800	EUR 14,800	EUR 144.98	October 18, 2019	500,000
DE000GA8ZVR1	GA8ZVR	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 16,100	EUR 16,100	EUR 143.85	October 18, 2019	500,000
DE000GA8ZVS9	GA8ZVS	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 16,100	EUR 16,100	EUR 145.8	October 18, 2019	500,000
DE000GA8ZVT7	GA8ZVT	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 24,800	EUR 24,800	EUR 229.11	October 18, 2019	500,000
DE000GA8ZVU5	GA8ZVU	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 31,200	EUR 31,200	EUR 250.49	October 18, 2019	500,000
DE000GA8ZVW1	GA8ZVW	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 14,800	EUR 14,800	EUR 145.68	October 18, 2019	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA8ZVZ4	GA8ZVZ	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 28,000	EUR 28,000	EUR 193.08	October 18, 2019	500,000
DE000GA8ZW07	GA8ZW0	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 14,200	EUR 14,200	EUR 136.59	October 18, 2019	500,000
DE000GA8ZW23	GA8ZW2	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 18,600	EUR 18,600	EUR 175.7	October 18, 2019	500,000
DE000GA8ZW31	GA8ZW3	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 22,400	EUR 22,400	EUR 194.22	October 18, 2019	500,000
DE000GA8ZW56	GA8ZW5	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 22,400	EUR 22,400	EUR 197.84	October 18, 2019	500,000
DE000GA8ZW64	GA8ZW6	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 28,000	EUR 28,000	EUR 203.65	October 18, 2019	500,000
DE000GA8ZW72	GA8ZW7	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 16,100	EUR 16,100	EUR 159.1	October 18, 2019	500,000
DE000GA8ZW80	GA8ZW8	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 18,800	EUR 18,800	EUR 178.69	October 18, 2019	500,000
DE000GA8ZWC1	GA8ZWC	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 14,200	EUR 14,200	EUR 137.19	October 18, 2019	500,000
DE000GA8ZWE7	GA8ZWE	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 28,000	EUR 28,000	EUR 213.01	October 18, 2019	500,000
DE000GA8ZWG2	GA8ZWG	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 18,800	EUR 18,800	EUR 182.42	October 18, 2019	500,000
DE000GA8ZWJ6	GA8ZWJ	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 22,400	EUR 22,400	EUR 201.03	October 18, 2019	500,000
DE000GA8ZWK4	GA8ZWK	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 14,200	EUR 14,200	EUR 137.72	October 18, 2019	500,000
DE000GA8ZWL2	GA8ZWL	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 15,500	EUR 15,500	EUR 133.78	October 18, 2019	500,000
DE000GA8ZWN8	GA8ZWN	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 15,500	EUR 15,500	EUR 135.99	October 18, 2019	500,000
DE000GA8ZWP3	GA8ZWP	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 18,800	EUR 18,800	EUR 183.7	October 18, 2019	500,000
DE000GA8ZWR9	GA8ZWR	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 31,200	EUR 31,200	EUR 280.32	October 18, 2019	500,000
DE000GA8ZWS7	GA8ZWS	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 22,400	EUR 22,400	EUR 167.38	October 18, 2019	500,000
DE000GA8ZWW9	GA8ZWW	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 18,600	EUR 18,600	EUR 168.91	October 18, 2019	500,000
DE000GA8ZWX7	GA8ZWX	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 14,200	EUR 14,200	EUR 132.64	October 18, 2019	500,000
DE000GA8ZWY5	GA8ZWY	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 16,100	EUR 16,100	EUR 153.78	October 18, 2019	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA8ZWZ2	GA8ZWZ	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 14,200	EUR 14,200	EUR 133.58	October 18, 2019	500,000
DE000GA8ZX14	GA8ZX1	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 18,600	EUR 18,600	EUR 170.94	October 18, 2019	500,000
DE000GA8ZX22	GA8ZX2	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 31,200	EUR 31,200	EUR 284.24	October 18, 2019	500,000
DE000GA8ZX48	GA8ZX4	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 22,400	EUR 22,400	EUR 174.12	October 18, 2019	500,000
DE000GA8ZX71	GA8ZX7	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 16,200	EUR 16,200	EUR 155.55	October 18, 2019	500,000
DE000GA8ZX89	GA8ZX8	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 22,400	EUR 22,400	EUR 180.12	October 18, 2019	500,000
DE000GA8ZX97	GA8ZX9	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 31,200	EUR 31,200	EUR 287.67	October 18, 2019	500,000
DE000GA8ZXC9	GA8ZXC	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 18,600	EUR 18,600	EUR 172.73	October 18, 2019	500,000
DE000GA8ZXD7	GA8ZXD	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 31,200	EUR 31,200	EUR 295.59	October 18, 2019	500,000
DE000GA8ZXF2	GA8ZXF	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 14,200	EUR 14,200	EUR 134.44	October 18, 2019	500,000
DE000GA8ZXG0	GA8ZXG	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 16,200	EUR 16,200	EUR 157.62	October 18, 2019	500,000
DE000GA8ZXJ4	GA8ZXJ	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 22,400	EUR 22,400	EUR 185.42	October 18, 2019	500,000
DE000GA8ZXN6	GA8ZXN	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 14,200	EUR 14,200	EUR 135.22	October 18, 2019	500,000
DE000GA8ZXP1	GA8ZXP	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 31,000	EUR 31,000	EUR 299.04	October 18, 2019	500,000
DE000GA8ZXQ9	GA8ZXQ	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 14,200	EUR 14,200	EUR 135.94	October 18, 2019	500,000
DE000GA8ZXS5	GA8ZXS	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 22,400	EUR 22,400	EUR 190.1	October 18, 2019	500,000
DE000GA8ZXV9	GA8ZXV	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 16,200	EUR 16,200	EUR 159.06	October 18, 2019	500,000
DE000GA8ZXW7	GA8ZXW	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 18,600	EUR 18,600	EUR 174.31	October 18, 2019	500,000
DE000GA8ZXX5	GA8ZXX	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 31,200	EUR 31,200	EUR 258.15	October 18, 2019	500,000
DE000GA8ZXY3	GA8ZXY	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 14,800	EUR 14,800	EUR 146.47	October 18, 2019	500,000
DE000GA8ZXZ0	GA8ZXZ	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 16,100	EUR 16,100	EUR 147.54	October 18, 2019	500,000

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DE000GA8ZY13	GA8ZY1	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 24,800	EUR 24,800	EUR 231.42	October 18, 2019	500,000
DE000GA8ZY39	GA8ZY3	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 18,600	EUR 18,600	EUR 161.09	October 18, 2019	500,000
DE000GA8ZY54	GA8ZY5	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 31,200	EUR 31,200	EUR 264.85	October 18, 2019	500,000
DE000GA8ZY70	GA8ZY7	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 14,200	EUR 14,200	EUR 128.17	October 18, 2019	500,000
DE000GA8ZY88	GA8ZY8	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 16,100	EUR 16,100	EUR 149.1	October 18, 2019	500,000
DE000GA8ZY96	GA8ZY9	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 24,800	EUR 24,800	EUR 238.15	October 18, 2019	500,000
DE000GA8ZYC7	GA8ZYC	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 18,600	EUR 18,600	EUR 164.02	October 18, 2019	500,000
DE000GA8ZYE3	GA8ZYE	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 24,800	EUR 24,800	EUR 240.42	October 18, 2019	500,000
DE000GA8ZYF0	GA8ZYF	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 31,200	EUR 31,200	EUR 270.72	October 18, 2019	500,000
DE000GA8ZYJ2	GA8ZYJ	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 14,200	EUR 14,200	EUR 129.38	October 18, 2019	500,000
DE000GA8ZYK0	GA8ZYK	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 16,100	EUR 16,100	EUR 150.48	October 18, 2019	500,000
DE000GA8ZYL8	GA8ZYL	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 14,200	EUR 14,200	EUR 130.54	October 18, 2019	500,000
DE000GA8ZYM6	GA8ZYM	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 16,100	EUR 16,100	EUR 151.72	October 18, 2019	500,000
DE000GA8ZYP9	GA8ZYP	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 24,800	EUR 24,800	EUR 242.92	October 18, 2019	500,000
DE000GA8ZYQ7	GA8ZYQ	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 31,200	EUR 31,200	EUR 275.84	October 18, 2019	500,000
DE000GA8ZYU9	GA8ZYU	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 18,600	EUR 18,600	EUR 166.61	October 18, 2019	500,000
DE000GA8ZYW5	GA8ZYW	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 14,200	EUR 14,200	EUR 131.63	October 18, 2019	500,000
DE000GA8ZYX3	GA8ZYX	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 16,100	EUR 16,100	EUR 152.81	October 18, 2019	500,000
DE000GA8ZZ04	GA8ZZ0	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 18,600	EUR 18,600	EUR 154.09	October 18, 2019	500,000
DE000GA8ZZ12	GA8ZZ1	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 31,200	EUR 31,200	EUR 241.76	October 18, 2019	500,000
DE000GA8ZZ38	GA8ZZ3	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 24,800	EUR 24,800	EUR 226.47	October 18, 2019	500,000

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DE000GA8ZZ46	GA8ZZ4	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 14,800	EUR 14,800	EUR 143.01	October 18, 2019	500,000
DE000GA8ZZ87	GA8ZZ8	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 13,000	EUR 13,000	EUR 127.27	October 18, 2019	500,000
DE000GA8ZZ95	GA8ZZ9	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 31,200	EUR 31,200	EUR 207.76	October 18, 2019	500,000
DE000GA8ZZA8	GA8ZZA	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 20,400	EUR 20,400	EUR 200.54	October 18, 2019	500,000
DE000GA8ZZC4	GA8ZZC	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 16,100	EUR 16,100	EUR 136.65	October 18, 2019	500,000
DE000GA8ZZD2	GA8ZZD	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 24,800	EUR 24,800	EUR 220.03	October 18, 2019	500,000
DE000GA8ZZE0	GA8ZZE	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 14,800	EUR 14,800	EUR 140.85	October 18, 2019	500,000
DE000GA8ZZG5	GA8ZZG	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 31,200	EUR 31,200	EUR 220.53	October 18, 2019	500,000
DE000GA8ZZJ9	GA8ZZJ	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 24,800	EUR 24,800	EUR 223.47	October 18, 2019	500,000
DE000GA8ZZK7	GA8ZZK	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 14,800	EUR 14,800	EUR 141.65	October 18, 2019	500,000
DE000GA8ZZL5	GA8ZZL	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 16,100	EUR 16,100	EUR 139.29	October 18, 2019	500,000
DE000GA8ZZM3	GA8ZZM	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 13,000	EUR 13,000	EUR 128.03	October 18, 2019	500,000
DE000GA8ZZP6	GA8ZZP	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 31,200	EUR 31,200	EUR 231.81	October 18, 2019	500,000
DE000GA8ZZR2	GA8ZZR	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 18,600	EUR 18,600	EUR 149.94	October 18, 2019	500,000
DE000GA8ZZU6	GA8ZZU	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 13,000	EUR 13,000	EUR 128.63	October 18, 2019	500,000
DE000GA8ZZV4	GA8ZZV	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 14,800	EUR 14,800	EUR 142.37	October 18, 2019	500,000
DE000GA8ZZW2	GA8ZZW	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 16,100	EUR 16,100	EUR 141.68	October 18, 2019	500,000
DE000GA8ZZX0	GA8ZZX	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 34,000	EUR 34,000	EUR 259.68	October 18, 2019	500,000
DE000GA90005	GA9000	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 13,300	EUR 13,300	EUR 127.81	October 18, 2019	500,000
DE000GA90013	GA9001	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 14,800	EUR 14,800	EUR 136.67	October 18, 2019	500,000
DE000GA90021	GA9002	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 24,800	EUR 24,800	EUR 206.57	October 18, 2019	500,000

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DE000GA90039	GA9003	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 13,200	EUR 13,200	EUR 127.52	October 18, 2019	500,000
DE000GA90047	GA9004	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 16,800	EUR 16,800	EUR 163.84	October 18, 2019	500,000
DE000GA90054	GA9005	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 20,400	EUR 20,400	EUR 189.45	October 18, 2019	500,000
DE000GA90062	GA9006	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 34,000	EUR 34,000	EUR 269.71	October 18, 2019	500,000
DE000GA90070	GA9007	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 14,800	EUR 14,800	EUR 137.88	October 18, 2019	500,000
DE000GA90096	GA9009	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 20,400	EUR 20,400	EUR 191.21	October 18, 2019	500,000
DE000GA900A4	GA900A	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 13,000	EUR 13,000	EUR 126.34	October 18, 2019	500,000
DE000GA900E6	GA900E	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 16,800	EUR 16,800	EUR 164.79	October 18, 2019	500,000
DE000GA900F3	GA900F	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 14,800	EUR 14,800	EUR 138.97	October 18, 2019	500,000
DE000GA900G1	GA900G	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 20,800	EUR 20,800	EUR 196.26	October 18, 2019	500,000
DE000GA900H9	GA900H	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 24,800	EUR 24,800	EUR 211.65	October 18, 2019	500,000
DE000GA900J5	GA900J	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 34,000	EUR 34,000	EUR 278.49	October 18, 2019	500,000
DE000GA900L1	GA900L	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 34,000	EUR 34,000	EUR 292.89	October 18, 2019	500,000
DE000GA900N7	GA900N	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 20,800	EUR 20,800	EUR 201	October 18, 2019	500,000
DE000GA900P2	GA900P	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 13,000	EUR 13,000	EUR 126.67	October 18, 2019	500,000
DE000GA900Q0	GA900Q	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 34,000	EUR 34,000	EUR 286.17	October 18, 2019	500,000
DE000GA900S6	GA900S	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 24,800	EUR 24,800	EUR 216.12	October 18, 2019	500,000
DE000GA900U2	GA900U	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 20,800	EUR 20,800	EUR 202.61	October 18, 2019	500,000
DE000GA900V0	GA900V	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 16,800	EUR 16,800	EUR 165.86	October 18, 2019	500,000
DE000GA900W8	GA900W	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 13,000	EUR 13,000	EUR 126.98	October 18, 2019	500,000
DE000GA900Y4	GA900Y	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 14,800	EUR 14,800	EUR 139.96	October 18, 2019	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA900Z1	GA900Z	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 20,400	EUR 20,400	EUR 182.62	October 18, 2019	500,000
DE000GA90112	GA9011	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 13,600	EUR 13,600	EUR 133.51	October 18, 2019	500,000
DE000GA90120	GA9012	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 14,800	EUR 14,800	EUR 132.33	October 18, 2019	500,000
DE000GA90138	GA9013	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 34,000	EUR 34,000	EUR 220.61	October 18, 2019	500,000
DE000GA90195	GA9019	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 13,600	EUR 13,600	EUR 134.29	October 18, 2019	500,000
DE000GA901A2	GA901A	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 24,800	EUR 24,800	EUR 186.78	October 18, 2019	500,000
DE000GA901C8	GA901C	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 16,800	EUR 16,800	EUR 158.93	October 18, 2019	500,000
DE000GA901D6	GA901D	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 34,000	EUR 34,000	EUR 235.29	October 18, 2019	500,000
DE000GA901E4	GA901E	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 20,400	EUR 20,400	EUR 185.19	October 18, 2019	500,000
DE000GA901H7	GA901H	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 16,800	EUR 16,800	EUR 160.02	October 18, 2019	500,000
DE000GA901J3	GA901J	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 24,800	EUR 24,800	EUR 194.22	October 18, 2019	500,000
DE000GA901L9	GA901L	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 14,800	EUR 14,800	EUR 133.9	October 18, 2019	500,000
DE000GA901Q8	GA901Q	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 13,500	EUR 13,500	EUR 128.09	October 18, 2019	500,000
DE000GA901T2	GA901T	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 13,600	EUR 13,600	EUR 134.87	October 18, 2019	500,000
DE000GA901U0	GA901U	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 16,800	EUR 16,800	EUR 160.99	October 18, 2019	500,000
DE000GA901V8	GA901V	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 34,000	EUR 34,000	EUR 248.26	October 18, 2019	500,000
DE000GA901X4	GA901X	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 14,800	EUR 14,800	EUR 135.35	October 18, 2019	500,000
DE000GA901Y2	GA901Y	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 20,400	EUR 20,400	EUR 187.46	October 18, 2019	500,000
DE000GA90211	GA9021	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 13,400	EUR 13,400	EUR 128.01	October 18, 2019	500,000
DE000GA90229	GA9022	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 24,800	EUR 24,800	EUR 200.78	October 18, 2019	500,000
DE000GA90237	GA9023	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 13,600	EUR 13,600	EUR 131.11	October 18, 2019	500,000

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DE000GA90252	GA9025	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 20,400	EUR 20,400	EUR 172.61	October 18, 2019	500,000
DE000GA90286	GA9028	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 15,600	EUR 15,600	EUR 153.31	October 18, 2019	500,000
DE000GA90294	GA9029	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 16,800	EUR 16,800	EUR 154.71	October 18, 2019	500,000
DE000GA902D4	GA902D	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 28,000	EUR 28,000	EUR 267.88	October 18, 2019	500,000
DE000GA902E2	GA902E	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 20,400	EUR 20,400	EUR 176.37	October 18, 2019	500,000
DE000GA902J1	GA902J	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 13,600	EUR 13,600	EUR 131.6	October 18, 2019	500,000
DE000GA902K9	GA902K	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 28,000	EUR 28,000	EUR 270.68	October 18, 2019	500,000
DE000GA902Q6	GA902Q	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 15,800	EUR 15,800	EUR 156.18	October 18, 2019	500,000
DE000GA902R4	GA902R	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 16,800	EUR 16,800	EUR 156.29	October 18, 2019	500,000
DE000GA902S2	GA902S	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 13,600	EUR 13,600	EUR 132.06	October 18, 2019	500,000
DE000GA902U8	GA902U	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 20,400	EUR 20,400	EUR 179.69	October 18, 2019	500,000
DE000GA902W4	GA902W	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 28,000	EUR 28,000	EUR 273.74	October 18, 2019	500,000
DE000GA902Y0	GA902Y	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 13,600	EUR 13,600	EUR 132.47	October 18, 2019	500,000
DE000GA90310	GA9031	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 24,800	EUR 24,800	EUR 178.39	October 18, 2019	500,000
DE000GA90336	GA9033	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 14,800	EUR 14,800	EUR 130.65	October 18, 2019	500,000
DE000GA90351	GA9035	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 16,800	EUR 16,800	EUR 157.69	October 18, 2019	500,000
DE000GA903C4	GA903C	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 15,600	EUR 15,600	EUR 152.01	October 18, 2019	500,000
DE000GA903D2	GA903D	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 16,800	EUR 16,800	EUR 152.93	October 18, 2019	500,000
DE000GA903G5	GA903G	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 13,600	EUR 13,600	EUR 130.57	October 18, 2019	500,000
DE000GA903H3	GA903H	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 28,000	EUR 28,000	EUR 259.54	October 18, 2019	500,000
DE000GA903J9	GA903J	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 15,500	EUR 15,500	EUR 147.63	October 18, 2019	500,000

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DE000GA903K7	GA903K	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 16,800	EUR 16,800	EUR 148.67	October 18, 2019	500,000
DE000GA903L5	GA903L	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 13,600	EUR 13,600	EUR 129.38	October 18, 2019	500,000
DE000GA903M3	GA903M	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 28,000	EUR 28,000	EUR 253.4	October 18, 2019	500,000
DE000GA903P6	GA903P	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 20,400	EUR 20,400	EUR 163.58	October 18, 2019	500,000
DE000GA903R2	GA903R	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 16,800	EUR 16,800	EUR 150.92	October 18, 2019	500,000
DE000GA903T8	GA903T	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 15,500	EUR 15,500	EUR 148.49	October 18, 2019	500,000
DE000GA903V4	GA903V	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 13,600	EUR 13,600	EUR 130	October 18, 2019	500,000
DE000GA903Y8	GA903Y	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 15,600	EUR 15,600	EUR 150.15	October 18, 2019	500,000
DE000GA90427	GA9042	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 20,400	EUR 20,400	EUR 168.37	October 18, 2019	500,000
DE000GA90435	GA9043	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 28,000	EUR 28,000	EUR 256.68	October 18, 2019	500,000
DE000GA90468	GA9046	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 14,000	EUR 14,000	EUR 127.38	October 18, 2019	500,000
DE000GA90476	GA9047	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 13,800	EUR 13,800	EUR 127.51	October 18, 2019	500,000
DE000GA90484	GA9048	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 15,500	EUR 15,500	EUR 144.37	October 18, 2019	500,000
DE000GA90492	GA9049	DAX [®] (Performance Index)	0.01	EUR 12,000	EUR 16,800	EUR 16,800	EUR 143.33	October 18, 2019	500,000
DE000GA904A6	GA904A	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 28,000	EUR 28,000	EUR 240.48	October 18, 2019	500,000
DE000GA904D0	GA904D	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 22,400	EUR 22,400	EUR 219.8	October 18, 2019	500,000
DE000GA904H1	GA904H	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 28,000	EUR 28,000	EUR 245.37	October 18, 2019	500,000
DE000GA904J7	GA904J	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 15,500	EUR 15,500	EUR 145.58	October 18, 2019	500,000
DE000GA904L3	GA904L	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 13,700	EUR 13,700	EUR 127.85	October 18, 2019	500,000
DE000GA904P4	GA904P	DAX [®] (Performance Index)	0.01	EUR 11,900	EUR 16,800	EUR 16,800	EUR 146.14	October 18, 2019	500,000
DE000GA904S8	GA904S	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 20,400	EUR 20,400	EUR 158.2	October 18, 2019	500,000

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DE000GA904T6	GA904T	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 15,500	EUR 15,500	EUR 146.66	October 18, 2019	500,000
DE000GA904V2	GA904V	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 13,600	EUR 13,600	EUR 128.04	October 18, 2019	500,000
DE000GA904W0	GA904W	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 13,600	EUR 13,600	EUR 128.73	October 18, 2019	500,000
DE000GA904Z3	GA904Z	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 28,000	EUR 28,000	EUR 249.65	October 18, 2019	500,000
DE000GA905E5	GA905E	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 22,400	EUR 22,400	EUR 208.43	October 18, 2019	500,000
DE000GA905G0	GA905G	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 14,200	EUR 14,200	EUR 139.97	October 18, 2019	500,000
DE000GA905H8	GA905H	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 15,500	EUR 15,500	EUR 141.52	October 18, 2019	500,000
DE000GA905M8	GA905M	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 22,400	EUR 22,400	EUR 210.33	October 18, 2019	500,000
DE000GA905Q9	GA905Q	DAX [®] (Performance Index)	0.01	EUR 12,100	EUR 16,800	EUR 16,800	EUR 140.22	October 18, 2019	500,000
DE000GA905R7	GA905R	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 28,000	EUR 28,000	EUR 234.9	October 18, 2019	500,000
DE000GA905T3	GA905T	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 22,400	EUR 22,400	EUR 217.73	October 18, 2019	500,000
DE000GA905V9	GA905V	DAX [®] (Performance Index)	0.01	EUR 10,100	EUR 14,200	EUR 14,200	EUR 140.66	October 18, 2019	500,000
DE000GA905W7	GA905W	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 15,500	EUR 15,500	EUR 143.02	October 18, 2019	500,000
DE000GA905Y3	GA905Y	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 22,400	EUR 22,400	EUR 215.86	October 18, 2019	500,000
DE000GA8ZVF6	GA8ZVF	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 18,400	EUR 18,400	EUR 154.19	December 20, 2019	500,000
DE000GA8ZVH2	GA8ZVH	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 16,800	EUR 16,800	EUR 142.52	December 20, 2019	500,000
DE000GA8ZW15	GA8ZW1	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 18,600	EUR 18,600	EUR 152.53	December 20, 2019	500,000
DE000GA8ZWB3	GA8ZWB	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 18,600	EUR 18,600	EUR 155.31	December 20, 2019	500,000
DE000GA8ZWT5	GA8ZWT	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 22,400	EUR 22,400	EUR 172.07	December 20, 2019	500,000
DE000GA8ZX55	GA8ZX5	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 22,400	EUR 22,400	EUR 176.58	December 20, 2019	500,000
DE000GA8ZXE5	GA8ZXE	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 20,400	EUR 20,400	EUR 161.79	December 20, 2019	500,000

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DE000GA8ZXT3	GA8ZXT	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 20,400	EUR 20,400	EUR 165.39	December 20, 2019	500,000
DE000GA8ZY21	GA8ZY2	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 28,000	EUR 28,000	EUR 200.86	December 20, 2019	500,000
DE000GA8ZYA1	GA8ZYA	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 28,000	EUR 28,000	EUR 207.94	December 20, 2019	500,000
DE000GA8ZYG8	GA8ZYG	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 24,800	EUR 24,800	EUR 184.41	December 20, 2019	500,000
DE000GA8ZYR5	GA8ZYR	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 24,800	EUR 24,800	EUR 190.02	December 20, 2019	500,000
DE000GA8ZZ53	GA8ZZ5	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 31,200	EUR 31,200	EUR 225.85	December 20, 2019	500,000
DE000GA90088	GA9008	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 34,000	EUR 34,000	EUR 231.71	December 20, 2019	500,000
DE000GA900K3	GA900K	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 34,000	EUR 34,000	EUR 241.53	December 20, 2019	500,000
DE000GA900T4	GA900T	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 31,200	EUR 31,200	EUR 217.32	December 20, 2019	500,000
DE000GA90260	GA9026	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 14,800	EUR 14,800	EUR 133	December 20, 2019	500,000
DE000GA90278	GA9027	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 14,200	EUR 14,200	EUR 128.93	December 20, 2019	500,000
DE000GA902L7	GA902L	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 14,200	EUR 14,200	EUR 129.74	December 20, 2019	500,000
DE000GA902V6	GA902V	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 13,600	EUR 13,600	EUR 126.07	December 20, 2019	500,000
DE000GA90328	GA9032	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 13,500	EUR 13,500	EUR 126.05	December 20, 2019	500,000
DE000GA90344	GA9034	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 13,600	EUR 13,600	EUR 126.57	December 20, 2019	500,000
DE000GA903Z5	GA903Z	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 14,800	EUR 14,800	EUR 131.89	December 20, 2019	500,000
DE000GA904G3	GA904G	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 15,500	EUR 15,500	EUR 135.47	December 20, 2019	500,000
DE000GA904R0	GA904R	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 15,500	EUR 15,500	EUR 136.92	December 20, 2019	500,000
DE000GA905J4	GA905J	DAX [®] (Performance Index)	0.01	EUR 11,800	EUR 16,100	EUR 16,100	EUR 138.66	December 20, 2019	500,000
DE000GA905X5	GA905X	DAX [®] (Performance Index)	0.01	EUR 11,700	EUR 16,100	EUR 16,100	EUR 140.4	December 20, 2019	500,000
DE000GA8ZVG4	GA8ZVG	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 16,600	EUR 16,600	EUR 142.3	March 20, 2020	500,000

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DE000GA8ZVJ8	GA8ZVJ	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 16,100	EUR 16,100	EUR 138.09	March 20, 2020	500,000
DE000GA8ZVV3	GA8ZVV	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 22,400	EUR 22,400	EUR 177.72	March 20, 2020	500,000
DE000GA8ZWA5	GA8ZWA	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 16,800	EUR 16,800	EUR 143.46	March 20, 2020	500,000
DE000GA8ZWH0	GA8ZWH	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 16,800	EUR 16,800	EUR 145.01	March 20, 2020	500,000
DE000GA8ZWU3	GA8ZWU	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 18,600	EUR 18,600	EUR 151.43	March 20, 2020	500,000
DE000GA8ZX06	GA8ZX0	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 18,600	EUR 18,600	EUR 153.66	March 20, 2020	500,000
DE000GA8ZXB1	GA8ZXB	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 18,600	EUR 18,600	EUR 155.76	March 20, 2020	500,000
DE000GA8ZXR7	GA8ZXR	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 16,800	EUR 16,800	EUR 141.84	March 20, 2020	500,000
DE000GA8ZY47	GA8ZY4	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 20,400	EUR 20,400	EUR 160.55	March 20, 2020	500,000
DE000GA8ZYD5	GA8ZYD	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 20,400	EUR 20,400	EUR 163.44	March 20, 2020	500,000
DE000GA8ZYT1	GA8ZYT	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 20,400	EUR 20,400	EUR 166.17	March 20, 2020	500,000
DE000GA8ZYY1	GA8ZYY	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 34,000	EUR 34,000	EUR 244.76	March 20, 2020	500,000
DE000GA8ZZ20	GA8ZZ2	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 22,400	EUR 22,400	EUR 174.31	March 20, 2020	500,000
DE000GA8ZZ61	GA8ZZ6	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 24,800	EUR 24,800	EUR 187.35	March 20, 2020	500,000
DE000GA8ZZF7	GA8ZZF	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 24,800	EUR 24,800	EUR 191.59	March 20, 2020	500,000
DE000GA8ZZN1	GA8ZZN	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 22,400	EUR 22,400	EUR 170.68	March 20, 2020	500,000
DE000GA8ZZY8	GA8ZZY	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 28,000	EUR 28,000	EUR 204.74	March 20, 2020	500,000
DE000GA900B2	GA900B	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 28,000	EUR 28,000	EUR 210.09	March 20, 2020	500,000
DE000GA900M9	GA900M	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 24,800	EUR 24,800	EUR 182.83	March 20, 2020	500,000
DE000GA90146	GA9014	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 13,600	EUR 13,600	EUR 125.5	March 20, 2020	500,000
DE000GA90179	GA9017	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 31,200	EUR 31,200	EUR 263.25	March 20, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA901F1	GA901F	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 13,600	EUR 13,600	EUR 125.89	March 20, 2020	500,000
DE000GA901M7	GA901M	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 13,400	EUR 13,400	EUR 124.5	March 20, 2020	500,000
DE000GA901P0	GA901P	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 13,600	EUR 13,600	EUR 126.29	March 20, 2020	500,000
DE000GA901R6	GA901R	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 13,300	EUR 13,300	EUR 124.28	March 20, 2020	500,000
DE000GA901W6	GA901W	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 28,000	EUR 28,000	EUR 199.04	March 20, 2020	500,000
DE000GA901Z9	GA901Z	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 13,200	EUR 13,200	EUR 124.01	March 20, 2020	500,000
DE000GA902A0	GA902A	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 31,200	EUR 31,200	EUR 215.25	March 20, 2020	500,000
DE000GA902C6	GA902C	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 14,800	EUR 14,800	EUR 133.1	March 20, 2020	500,000
DE000GA902M5	GA902M	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 31,200	EUR 31,200	EUR 222.13	March 20, 2020	500,000
DE000GA902N3	GA902N	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 14,200	EUR 14,200	EUR 128.45	March 20, 2020	500,000
DE000GA902T0	GA902T	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 31,200	EUR 31,200	EUR 228.58	March 20, 2020	500,000
DE000GA902Z7	GA902Z	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 14,200	EUR 14,200	EUR 129.07	March 20, 2020	500,000
DE000GA90302	GA9030	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 14,200	EUR 14,200	EUR 129.68	March 20, 2020	500,000
DE000GA903B6	GA903B	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 14,800	EUR 14,800	EUR 132.26	March 20, 2020	500,000
DE000GA903E0	GA903E	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 34,000	EUR 34,000	EUR 237.35	March 20, 2020	500,000
DE000GA903U6	GA903U	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 14,800	EUR 14,800	EUR 131.41	March 20, 2020	500,000
DE000GA90401	GA9040	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 34,000	EUR 34,000	EUR 229.43	March 20, 2020	500,000
DE000GA904B4	GA904B	DAX [®] (Performance Index)	0.01	EUR 11,600	EUR 15,500	EUR 15,500	EUR 134.96	March 20, 2020	500,000
DE000GA904C2	GA904C	DAX [®] (Performance Index)	0.01	EUR 11,500	EUR 15,500	EUR 15,500	EUR 136.09	March 20, 2020	500,000
DE000GA904M1	GA904M	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 15,500	EUR 15,500	EUR 137.18	March 20, 2020	500,000
DE000GA905D7	GA905D	DAX [®] (Performance Index)	0.01	EUR 11,400	EUR 16,100	EUR 16,100	EUR 140.75	March 20, 2020	500,000

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DE000GA905K2	GA905K	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 16,200	EUR 16,200	EUR 149.13	March 20, 2020	500,000
DE000GA8ZVC3	GA8ZVC	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 14,700	EUR 14,700	EUR 131.43	June 19, 2020	500,000
DE000GA8ZVD1	GA8ZVD	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 14,800	EUR 14,800	EUR 133.36	June 19, 2020	500,000
DE000GA8ZVL4	GA8ZVL	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 16,800	EUR 16,800	EUR 144.49	June 19, 2020	500,000
DE000GA8ZVX9	GA8ZVX	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 15,500	EUR 15,500	EUR 137.62	June 19, 2020	500,000
DE000GA8ZW49	GA8ZW4	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 14,800	EUR 14,800	EUR 131.98	June 19, 2020	500,000
DE000GA8ZWF4	GA8ZWF	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 14,800	EUR 14,800	EUR 132.67	June 19, 2020	500,000
DE000GA8Z WV1	GA8Z WV	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 16,100	EUR 16,100	EUR 140.27	June 19, 2020	500,000
DE000GA8ZX63	GA8ZX6	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 16,100	EUR 16,100	EUR 141.34	June 19, 2020	500,000
DE000GA8ZXK2	GA8ZXK	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 15,500	EUR 15,500	EUR 135.82	June 19, 2020	500,000
DE000GA8ZXU1	GA8ZXU	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 15,500	EUR 15,500	EUR 136.73	June 19, 2020	500,000
DE000GA8ZYB9	GA8ZYB	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 16,800	EUR 16,800	EUR 145.74	June 19, 2020	500,000
DE000GA8ZYS3	GA8ZYS	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 16,100	EUR 16,100	EUR 139.18	June 19, 2020	500,000
DE000GA8ZYZ8	GA8ZYZ	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 16,800	EUR 16,800	EUR 143.18	June 19, 2020	500,000
DE000GA8ZZB6	GA8ZZB	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 18,600	EUR 18,600	EUR 155.04	June 19, 2020	500,000
DE000GA8ZZS0	GA8ZZS	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 18,600	EUR 18,600	EUR 156.75	June 19, 2020	500,000
DE000GA8ZZZ5	GA8ZZZ	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 20,400	EUR 20,400	EUR 165.37	June 19, 2020	500,000
DE000GA900C0	GA900C	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 20,400	EUR 20,400	EUR 167.59	June 19, 2020	500,000
DE000GA900X6	GA900X	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 18,600	EUR 18,600	EUR 153.25	June 19, 2020	500,000
DE000GA90161	GA9016	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 22,400	EUR 22,400	EUR 176.86	June 19, 2020	500,000
DE000GA90187	GA9018	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 22,400	EUR 22,400	EUR 179.63	June 19, 2020	500,000

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DE000GA901N5	GA901N	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 20,400	EUR 20,400	EUR 163.05	June 19, 2020	500,000
DE000GA90245	GA9024	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 24,800	EUR 24,800	EUR 187.02	June 19, 2020	500,000
DE000GA902F9	GA902F	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 24,800	EUR 24,800	EUR 190.64	June 19, 2020	500,000
DE000GA902X2	GA902X	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 24,800	EUR 24,800	EUR 194.08	June 19, 2020	500,000
DE000GA90369	GA9036	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 22,400	EUR 22,400	EUR 173.95	June 19, 2020	500,000
DE000GA903Q4	GA903Q	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 13,000	EUR 13,000	EUR 122.27	June 19, 2020	500,000
DE000GA903S0	GA903S	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 28,000	EUR 28,000	EUR 209.01	June 19, 2020	500,000
DE000GA903W2	GA903W	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 13,000	EUR 13,000	EUR 122.47	June 19, 2020	500,000
DE000GA90419	GA9041	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 28,000	EUR 28,000	EUR 213.34	June 19, 2020	500,000
DE000GA90443	GA9044	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 13,600	EUR 13,600	EUR 125.46	June 19, 2020	500,000
DE000GA90450	GA9045	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 31,200	EUR 31,200	EUR 227.38	June 19, 2020	500,000
DE000GA904E8	GA904E	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 13,600	EUR 13,600	EUR 125.8	June 19, 2020	500,000
DE000GA904F5	GA904F	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 31,200	EUR 31,200	EUR 232.6	June 19, 2020	500,000
DE000GA904K5	GA904K	DAX [®] (Performance Index)	0.01	EUR 10,700	EUR 31,200	EUR 31,200	EUR 250.81	June 19, 2020	500,000
DE000GA904N9	GA904N	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 13,600	EUR 13,600	EUR 126.15	June 19, 2020	500,000
DE000GA904X8	GA904X	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 28,000	EUR 28,000	EUR 204.44	June 19, 2020	500,000
DE000GA904Y6	GA904Y	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 13,000	EUR 13,000	EUR 122.08	June 19, 2020	500,000
DE000GA905N6	GA905N	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 14,200	EUR 14,200	EUR 129.24	June 19, 2020	500,000
DE000GA905P1	GA905P	DAX [®] (Performance Index)	0.01	EUR 11,100	EUR 14,200	EUR 14,200	EUR 129.75	June 19, 2020	500,000
DE000GA905S5	GA905S	DAX [®] (Performance Index)	0.01	EUR 11,300	EUR 31,200	EUR 31,200	EUR 221.87	June 19, 2020	500,000
DE000GA8ZVP5	GA8ZVP	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 31,200	EUR 31,200	EUR 244.58	September 18, 2020	500,000

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DE000GA8ZVY7	GA8ZVY	DAX [®] (Performance Index)	0.01	EUR 8,600	EUR 16,400	EUR 16,400	EUR 158.47	September 18, 2020	500,000
DE000GA8ZW98	GA8ZW9	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 15,600	EUR 15,600	EUR 135.18	September 18, 2020	500,000
DE000GA8ZWD9	GA8ZWD	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 15,600	EUR 15,600	EUR 136.85	September 18, 2020	500,000
DE000GA8ZWM0	GA8ZWM	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 14,200	EUR 14,200	EUR 127.76	September 18, 2020	500,000
DE000GA8ZWQ1	GA8ZWQ	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 14,800	EUR 14,800	EUR 130.93	September 18, 2020	500,000
DE000GA8ZX30	GA8ZX3	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 16,800	EUR 16,800	EUR 141.73	September 18, 2020	500,000
DE000GA8ZXA3	GA8ZXA	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 16,200	EUR 16,200	EUR 138.42	September 18, 2020	500,000
DE000GA8ZXH8	GA8ZXH	DAX [®] (Performance Index)	0.01	EUR 10,000	EUR 16,200	EUR 16,200	EUR 149	September 18, 2020	500,000
DE000GA8ZXL0	GA8ZXL	DAX [®] (Performance Index)	0.01	EUR 9,800	EUR 16,400	EUR 16,400	EUR 151.96	September 18, 2020	500,000
DE000GA8ZXM8	GA8ZXM	DAX [®] (Performance Index)	0.01	EUR 9,200	EUR 16,400	EUR 16,400	EUR 155.62	September 18, 2020	500,000
DE000GA8ZY05	GA8ZY0	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 28,000	EUR 28,000	EUR 200.6	September 18, 2020	500,000
DE000GA8ZY62	GA8ZY6	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 24,800	EUR 24,800	EUR 183.84	September 18, 2020	500,000
DE000GA8ZYH6	GA8ZYH	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 22,400	EUR 22,400	EUR 171.27	September 18, 2020	500,000
DE000GA8ZYN4	GA8ZYN	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 20,400	EUR 20,400	EUR 160.79	September 18, 2020	500,000
DE000GA8ZVY7	GA8ZVY	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 18,600	EUR 18,600	EUR 151.37	September 18, 2020	500,000
DE000GA8ZZQ4	GA8ZZQ	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 31,200	EUR 31,200	EUR 217.37	September 18, 2020	500,000
DE000GA8ZZT8	GA8ZZT	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 31,200	EUR 31,200	EUR 227.28	September 18, 2020	500,000
DE000GA905B1	GA905B	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 13,600	EUR 13,600	EUR 124.55	September 18, 2020	500,000
DE000GA905F2	GA905F	DAX [®] (Performance Index)	0.01	EUR 11,200	EUR 13,000	EUR 13,000	EUR 121.2	September 18, 2020	500,000
DE000GA8ZZ79	GA8ZZ7	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 15,600	EUR 15,600	EUR 134.97	December 18, 2020	500,000
DE000GA8ZZH3	GA8ZZH	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 15,600	EUR 15,600	EUR 137.96	December 18, 2020	500,000

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DE000GA900D8	GA900D	DAX [®] (Performance Index)	0.01	EUR 9,200	EUR 16,400	EUR 16,400	EUR 153.5	December 18, 2020	500,000
DE000GA900R8	GA900R	DAX [®] (Performance Index)	0.01	EUR 8,600	EUR 16,400	EUR 16,400	EUR 156.68	December 18, 2020	500,000
DE000GA901K1	GA901K	DAX [®] (Performance Index)	0.01	EUR 11,000	EUR 31,200	EUR 31,200	EUR 218.98	December 18, 2020	500,000
DE000GA901S4	GA901S	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 31,200	EUR 31,200	EUR 236.04	December 18, 2020	500,000
DE000GA90203	GA9020	DAX [®] (Performance Index)	0.01	EUR 8,600	EUR 24,800	EUR 24,800	EUR 231.43	December 18, 2020	500,000
DE000GA90104	GA9010	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 14,800	EUR 14,800	EUR 130.38	June 18, 2021	500,000
DE000GA90153	GA9015	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 14,200	EUR 14,200	EUR 126.86	June 18, 2021	500,000
DE000GA901B0	GA901B	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 13,600	EUR 13,600	EUR 123.31	June 18, 2021	500,000
DE000GA901G9	GA901G	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 13,000	EUR 13,000	EUR 119.68	June 18, 2021	500,000
DE000GA902B8	GA902B	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 16,800	EUR 16,800	EUR 142.17	June 18, 2021	500,000
DE000GA902G7	GA902G	DAX [®] (Performance Index)	0.01	EUR 9,800	EUR 16,400	EUR 16,400	EUR 146.15	June 18, 2021	500,000
DE000GA902H5	GA902H	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 16,200	EUR 16,200	EUR 138.6	June 18, 2021	500,000
DE000GA902P8	GA902P	DAX [®] (Performance Index)	0.01	EUR 9,200	EUR 16,400	EUR 16,400	EUR 150.29	June 18, 2021	500,000
DE000GA90377	GA9037	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 15,600	EUR 15,600	EUR 135.06	June 18, 2021	500,000
DE000GA903F7	GA903F	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 18,600	EUR 18,600	EUR 152.37	June 18, 2021	500,000
DE000GA903N1	GA903N	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 22,400	EUR 22,400	EUR 173.88	June 18, 2021	500,000
DE000GA903X0	GA903X	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 20,400	EUR 20,400	EUR 162.56	June 18, 2021	500,000
DE000GA904Q2	GA904Q	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 24,800	EUR 24,800	EUR 187.47	June 18, 2021	500,000
DE000GA904U4	GA904U	DAX [®] (Performance Index)	0.01	EUR 8,600	EUR 24,800	EUR 24,800	EUR 225.37	June 18, 2021	500,000
DE000GA905C9	GA905C	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 31,200	EUR 31,200	EUR 223.7	June 18, 2021	500,000
DE000GA905L0	GA905L	DAX [®] (Performance Index)	0.01	EUR 10,400	EUR 31,200	EUR 31,200	EUR 231.26	June 18, 2021	500,000

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DE000GA905U1	GA905U	DAX [®] (Performance Index)	0.01	EUR 10,600	EUR 28,000	EUR 28,000	EUR 205.59	June 18, 2021	500,000
DE000GA90385	GA9038	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,750	EUR 4,750	EUR 43.37	October 18, 2019	500,000
DE000GA90393	GA9039	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 3,850	EUR 3,850	EUR 37.22	October 18, 2019	500,000
DE000GA90500	GA9050	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 9,600	EUR 9,600	EUR 79.41	October 18, 2019	500,000
DE000GA90518	GA9051	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 3,700	EUR 3,700	EUR 36.41	October 18, 2019	500,000
DE000GA90526	GA9052	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 8,800	EUR 8,800	EUR 69.34	October 18, 2019	500,000
DE000GA90542	GA9054	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,750	EUR 4,750	EUR 45.85	October 18, 2019	500,000
DE000GA90559	GA9055	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 3,700	EUR 3,700	EUR 36.29	October 18, 2019	500,000
DE000GA90567	GA9056	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 6,800	EUR 6,800	EUR 65.69	October 18, 2019	500,000
DE000GA90583	GA9058	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 4,800	EUR 4,800	EUR 46.65	October 18, 2019	500,000
DE000GA90591	GA9059	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 6,300	EUR 6,300	EUR 59.88	October 18, 2019	500,000
DE000GA90617	GA9061	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 3,850	EUR 3,850	EUR 37.44	October 18, 2019	500,000
DE000GA90625	GA9062	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 6,300	EUR 6,300	EUR 49.95	October 18, 2019	500,000
DE000GA90658	GA9065	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 3,850	EUR 3,850	EUR 37.78	October 18, 2019	500,000
DE000GA90666	GA9066	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,750	EUR 4,750	EUR 44.23	October 18, 2019	500,000
DE000GA90674	GA9067	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 6,300	EUR 6,300	EUR 52.8	October 18, 2019	500,000
DE000GA906A1	GA906A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 3,850	EUR 3,850	EUR 37.63	October 18, 2019	500,000
DE000GA906B9	GA906B	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 9,650	EUR 9,650	EUR 68.72	October 18, 2019	500,000
DE000GA906C7	GA906C	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 6,300	EUR 6,300	EUR 55.02	October 18, 2019	500,000
DE000GA906D5	GA906D	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 9,650	EUR 9,650	EUR 74.97	October 18, 2019	500,000
DE000GA906G8	GA906G	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 9,650	EUR 9,650	EUR 79.78	October 18, 2019	500,000

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DE000GA906H6	GA906H	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,750	EUR 4,750	EUR 44.91	October 18, 2019	500,000
DE000GA906K0	GA906K	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 3,850	EUR 3,850	EUR 38.01	October 18, 2019	500,000
DE000GA906P9	GA906P	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 3,850	EUR 3,850	EUR 38.17	October 18, 2019	500,000
DE000GA906U9	GA906U	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 6,300	EUR 6,300	EUR 56.73	October 18, 2019	500,000
DE000GA906V7	GA906V	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 9,650	EUR 9,650	EUR 83.46	October 18, 2019	500,000
DE000GA906Y1	GA906Y	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 8,800	EUR 8,800	EUR 63.96	October 18, 2019	500,000
DE000GA90708	GA9070	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 6,300	EUR 6,300	EUR 58.05	October 18, 2019	500,000
DE000GA90724	GA9072	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 3,750	EUR 3,750	EUR 36.18	October 18, 2019	500,000
DE000GA90732	GA9073	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,750	EUR 4,750	EUR 45.44	October 18, 2019	500,000
DE000GA90765	GA9076	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 3,800	EUR 3,800	EUR 36.29	October 18, 2019	500,000
DE000GA90773	GA9077	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 6,300	EUR 6,300	EUR 59.08	October 18, 2019	500,000
DE000GA90781	GA9078	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 3,700	EUR 3,700	EUR 36.15	October 18, 2019	500,000
DE000GA907C5	GA907C	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 3,700	EUR 3,700	EUR 35.99	October 18, 2019	500,000
DE000GA907D3	GA907D	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 8,800	EUR 8,800	EUR 83.58	October 18, 2019	500,000
DE000GA907F8	GA907F	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,550	EUR 4,550	EUR 41.8	October 18, 2019	500,000
DE000GA907G6	GA907G	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 6,150	EUR 6,150	EUR 59.11	October 18, 2019	500,000
DE000GA907H4	GA907H	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 8,800	EUR 8,800	EUR 82.45	October 18, 2019	500,000
DE000GA907K8	GA907K	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 7,000	EUR 7,000	EUR 68.72	October 18, 2019	500,000
DE000GA907M4	GA907M	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 3,850	EUR 3,850	EUR 36.95	October 18, 2019	500,000
DE000GA907Q5	GA907Q	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 3,850	EUR 3,850	EUR 36.64	October 18, 2019	500,000
DE000GA907U7	GA907U	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,050	EUR 4,050	EUR 38.89	October 18, 2019	500,000

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DE000GA907W3	GA907W	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 5,300	EUR 5,300	EUR 51.87	October 18, 2019	500,000
DE000GA907X1	GA907X	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 7,000	EUR 7,000	EUR 63.95	October 18, 2019	500,000
DE000GA90807	GA9080	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 7,000	EUR 7,000	EUR 65.22	October 18, 2019	500,000
DE000GA90815	GA9081	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,050	EUR 4,050	EUR 39.43	October 18, 2019	500,000
DE000GA90856	GA9085	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,050	EUR 4,050	EUR 39.19	October 18, 2019	500,000
DE000GA90898	GA9089	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 4,050	EUR 4,050	EUR 39.63	October 18, 2019	500,000
DE000GA908A7	GA908A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 5,300	EUR 5,300	EUR 52.26	October 18, 2019	500,000
DE000GA908B5	GA908B	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 4,750	EUR 4,750	EUR 40.88	October 18, 2019	500,000
DE000GA908D1	GA908D	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 7,000	EUR 7,000	EUR 66.2	October 18, 2019	500,000
DE000GA908F6	GA908F	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,050	EUR 4,050	EUR 39.92	October 18, 2019	500,000
DE000GA908K6	GA908K	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 3,950	EUR 3,950	EUR 36.36	October 18, 2019	500,000
DE000GA908M2	GA908M	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 4,050	EUR 4,050	EUR 40.12	October 18, 2019	500,000
DE000GA908N0	GA908N	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 7,000	EUR 7,000	EUR 67.56	October 18, 2019	500,000
DE000GA908R1	GA908R	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,750	EUR 4,750	EUR 42.27	October 18, 2019	500,000
DE000GA908U5	GA908U	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 3,900	EUR 3,900	EUR 36.58	October 18, 2019	500,000
DE000GA908V3	GA908V	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,900	EUR 7,000	EUR 7,000	EUR 68.42	October 18, 2019	500,000
DE000GA908X9	GA908X	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 5,300	EUR 5,300	EUR 46.19	October 18, 2019	500,000
DE000GA908Z4	GA908Z	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,200	EUR 4,200	EUR 40.15	October 18, 2019	500,000
DE000GA90914	GA9091	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,200	EUR 4,200	EUR 40.79	October 18, 2019	500,000
DE000GA90922	GA9092	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 5,300	EUR 5,300	EUR 47.63	October 18, 2019	500,000
DE000GA90955	GA9095	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 7,000	EUR 7,000	EUR 53.87	October 18, 2019	500,000

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DE000GA90971	GA9097	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,200	EUR 4,200	EUR 40.51	October 18, 2019	500,000
DE000GA90989	GA9098	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 7,000	EUR 7,000	EUR 57.44	October 18, 2019	500,000
DE000GA909B3	GA909B	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 4,200	EUR 4,200	EUR 41.02	October 18, 2019	500,000
DE000GA909C1	GA909C	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 5,300	EUR 5,300	EUR 48.75	October 18, 2019	500,000
DE000GA909D9	GA909D	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 5,300	EUR 5,300	EUR 49.63	October 18, 2019	500,000
DE000GA909G2	GA909G	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 7,000	EUR 7,000	EUR 60.19	October 18, 2019	500,000
DE000GA909K4	GA909K	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 5,300	EUR 5,300	EUR 50.31	October 18, 2019	500,000
DE000GA909N8	GA909N	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,200	EUR 4,200	EUR 41.35	October 18, 2019	500,000
DE000GA909Q1	GA909Q	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 4,200	EUR 4,200	EUR 41.57	October 18, 2019	500,000
DE000GA909R9	GA909R	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 5,300	EUR 5,300	EUR 50.84	October 18, 2019	500,000
DE000GA909U3	GA909U	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,050	EUR 4,050	EUR 37.51	October 18, 2019	500,000
DE000GA909V1	GA909V	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 5,300	EUR 5,300	EUR 51.27	October 18, 2019	500,000
DE000GA909W9	GA909W	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 7,000	EUR 7,000	EUR 62.32	October 18, 2019	500,000
DE000GA909Z2	GA909Z	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 4,050	EUR 4,050	EUR 36.86	October 18, 2019	500,000
DE000GA90A29	GA90A2	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,050	EUR 4,050	EUR 38.51	October 18, 2019	500,000
DE000GA90A52	GA90A5	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,050	EUR 4,050	EUR 38.06	October 18, 2019	500,000
DE000GA90A86	GA90A8	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,400	EUR 4,400	EUR 41.86	October 18, 2019	500,000
DE000GA90A94	GA90A9	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,400	EUR 4,400	EUR 41.33	October 18, 2019	500,000
DE000GA90AB1	GA90AB	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 5,800	EUR 5,800	EUR 53.84	October 18, 2019	500,000
DE000GA90AD7	GA90AD	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,400	EUR 4,400	EUR 42.62	October 18, 2019	500,000
DE000GA90AE5	GA90AE	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 7,900	EUR 7,900	EUR 71.54	October 18, 2019	500,000

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DE000GA90AF2	GA90AF	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,400	EUR 4,400	EUR 42.28	October 18, 2019	500,000
DE000GA90AG0	GA90AG	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 5,800	EUR 5,800	EUR 54.69	October 18, 2019	500,000
DE000GA90AP1	GA90AP	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 5,800	EUR 5,800	EUR 55.36	October 18, 2019	500,000
DE000GA90AQ9	GA90AQ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 4,400	EUR 4,400	EUR 42.89	October 18, 2019	500,000
DE000GA90AU1	GA90AU	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,400	EUR 4,400	EUR 43.27	October 18, 2019	500,000
DE000GA90AW7	GA90AW	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 5,800	EUR 5,800	EUR 55.88	October 18, 2019	500,000
DE000GA90AY3	GA90AY	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 7,900	EUR 7,900	EUR 73.11	October 18, 2019	500,000
DE000GA90AZ0	GA90AZ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 5,800	EUR 5,800	EUR 56.62	October 18, 2019	500,000
DE000GA90B02	GA90B0	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 7,900	EUR 7,900	EUR 74.32	October 18, 2019	500,000
DE000GA90B36	GA90B3	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 4,400	EUR 4,400	EUR 43.52	October 18, 2019	500,000
DE000GA90BB9	GA90BB	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 8,000	EUR 8,000	EUR 76.95	October 18, 2019	500,000
DE000GA90BD5	GA90BD	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 4,200	EUR 4,200	EUR 37.66	October 18, 2019	500,000
DE000GA90BF0	GA90BF	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,200	EUR 4,200	EUR 39.16	October 18, 2019	500,000
DE000GA90BG8	GA90BG	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 5,800	EUR 5,800	EUR 57.1	October 18, 2019	500,000
DE000GA90BK0	GA90BK	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,900	EUR 8,000	EUR 8,000	EUR 78.03	October 18, 2019	500,000
DE000GA90BL8	GA90BL	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,200	EUR 4,200	EUR 38.48	October 18, 2019	500,000
DE000GA90BP9	GA90BP	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 5,300	EUR 5,300	EUR 44.35	October 18, 2019	500,000
DE000GA90BR5	GA90BR	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,200	EUR 4,200	EUR 39.71	October 18, 2019	500,000
DE000GA90BS3	GA90BS	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 7,900	EUR 7,900	EUR 77.44	October 18, 2019	500,000
DE000GA90BX3	GA90BX	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,550	EUR 4,550	EUR 43.16	October 18, 2019	500,000
DE000GA90BY1	GA90BY	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 6,150	EUR 6,150	EUR 59.95	October 18, 2019	500,000

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DE000GA90BZ8	GA90BZ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,550	EUR 4,550	EUR 42.56	October 18, 2019	500,000
DE000GA90C01	GA90C0	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,550	EUR 4,550	EUR 43.63	October 18, 2019	500,000
DE000GA90C19	GA90C1	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 6,150	EUR 6,150	EUR 60.49	October 18, 2019	500,000
DE000GA90C27	GA90C2	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 8,750	EUR 8,750	EUR 84.69	October 18, 2019	500,000
DE000GA90C43	GA90C4	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,050	EUR 4,550	EUR 4,550	EUR 44.29	October 18, 2019	500,000
DE000GA90C50	GA90C5	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 5,800	EUR 5,800	EUR 47.15	October 18, 2019	500,000
DE000GA90C68	GA90C6	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 7,900	EUR 7,900	EUR 58.92	October 18, 2019	500,000
DE000GA90CA9	GA90CA	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,550	EUR 4,550	EUR 44	October 18, 2019	500,000
DE000GA90CE1	GA90CE	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,550	EUR 4,550	EUR 44.72	October 18, 2019	500,000
DE000GA90CF8	GA90CF	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 7,900	EUR 7,900	EUR 63.39	October 18, 2019	500,000
DE000GA90CJ0	GA90CJ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 5,800	EUR 5,800	EUR 49.5	October 18, 2019	500,000
DE000GA90CK8	GA90CK	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 4,550	EUR 4,550	EUR 44.99	October 18, 2019	500,000
DE000GA90CP7	GA90CP	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 5,800	EUR 5,800	EUR 51.32	October 18, 2019	500,000
DE000GA90CR3	GA90CR	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 5,800	EUR 5,800	EUR 52.74	October 18, 2019	500,000
DE000GA90CS1	GA90CS	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 4,400	EUR 4,400	EUR 38.77	October 18, 2019	500,000
DE000GA90CW3	GA90CW	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 7,900	EUR 7,900	EUR 66.84	October 18, 2019	500,000
DE000GA90CZ6	GA90CZ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 7,900	EUR 7,900	EUR 69.5	October 18, 2019	500,000
DE000GA90D18	GA90D1	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,400	EUR 4,400	EUR 40.66	October 18, 2019	500,000
DE000GA90D34	GA90D3	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,400	EUR 4,400	EUR 39.81	October 18, 2019	500,000
DE000GA90D42	GA90D4	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 6,150	EUR 6,150	EUR 58.52	October 18, 2019	500,000
DE000GA90D59	GA90D5	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,550	EUR 4,550	EUR 40.85	October 18, 2019	500,000

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DE000GA90D67	GA90D6	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 6,150	EUR 6,150	EUR 57.76	October 18, 2019	500,000
DE000GA90D75	GA90D7	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 8,800	EUR 8,800	EUR 81	October 18, 2019	500,000
DE000GA90D83	GA90D8	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 4,550	EUR 4,550	EUR 39.65	October 18, 2019	500,000
DE000GA90D91	GA90D9	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 3,700	EUR 3,700	EUR 36.59	October 18, 2019	500,000
DE000GA90DD1	GA90DD	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 3,700	EUR 3,700	EUR 36.72	October 18, 2019	500,000
DE000GA90DE9	GA90DE	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,900	EUR 6,400	EUR 6,400	EUR 62.65	October 18, 2019	500,000
DE000GA90DF6	GA90DF	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,400	EUR 6,150	EUR 6,150	EUR 49.11	October 18, 2019	500,000
DE000GA90DG4	GA90DG	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 8,800	EUR 8,800	EUR 76.68	October 18, 2019	500,000
DE000GA90DH2	GA90DH	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 6,300	EUR 6,300	EUR 61.94	October 18, 2019	500,000
DE000GA90DK6	GA90DK	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,800	EUR 4,800	EUR 47.11	October 18, 2019	500,000
DE000GA90DL4	GA90DL	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 6,150	EUR 6,150	EUR 53.91	October 18, 2019	500,000
DE000GA90DN0	GA90DN	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 6,150	EUR 6,150	EUR 51.81	October 18, 2019	500,000
DE000GA90DR1	GA90DR	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 6,150	EUR 6,150	EUR 56.79	October 18, 2019	500,000
DE000GA90DU5	GA90DU	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 4,750	EUR 4,750	EUR 46.93	October 18, 2019	500,000
DE000GA90DV3	GA90DV	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 6,150	EUR 6,150	EUR 55.53	October 18, 2019	500,000
DE000GA90DW1	GA90DW	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 8,800	EUR 8,800	EUR 79.12	October 18, 2019	500,000
DE000GA903A8	GA903A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 3,800	EUR 3,800	EUR 35.53	December 20, 2019	500,000
DE000GA907E1	GA907E	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 8,800	EUR 8,800	EUR 61.19	December 20, 2019	500,000
DE000GA907L6	GA907L	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 3,850	EUR 3,850	EUR 35.81	December 20, 2019	500,000
DE000GA907P7	GA907P	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 3,900	EUR 3,900	EUR 35.77	December 20, 2019	500,000
DE000GA907R3	GA907R	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,550	EUR 4,550	EUR 39.94	December 20, 2019	500,000

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DE000GA907Y9	GA907Y	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,400	EUR 4,400	EUR 39.01	December 20, 2019	500,000
DE000GA90823	GA9082	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,400	EUR 4,400	EUR 38.25	December 20, 2019	500,000
DE000GA90872	GA9087	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,400	EUR 4,400	EUR 39.69	December 20, 2019	500,000
DE000GA908C3	GA908C	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,200	EUR 4,200	EUR 37.81	December 20, 2019	500,000
DE000GA908G4	GA908G	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,200	EUR 4,200	EUR 37.22	December 20, 2019	500,000
DE000GA908L4	GA908L	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,050	EUR 4,050	EUR 36.48	December 20, 2019	500,000
DE000GA908S9	GA908S	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,050	EUR 4,050	EUR 37.37	December 20, 2019	500,000
DE000GA908W1	GA908W	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,050	EUR 4,050	EUR 36.94	December 20, 2019	500,000
DE000GA908Y7	GA908Y	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 5,300	EUR 5,300	EUR 43.21	December 20, 2019	500,000
DE000GA90930	GA9093	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 5,300	EUR 5,300	EUR 44.65	December 20, 2019	500,000
DE000GA909E7	GA909E	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,750	EUR 4,750	EUR 40.15	December 20, 2019	500,000
DE000GA909S7	GA909S	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 4,750	EUR 4,750	EUR 41.2	December 20, 2019	500,000
DE000GA90A03	GA90A0	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 4,550	EUR 4,550	EUR 39.05	December 20, 2019	500,000
DE000GA90A60	GA90A6	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,750	EUR 4,750	EUR 42.11	December 20, 2019	500,000
DE000GA90AH8	GA90AH	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 6,300	EUR 6,300	EUR 48.35	December 20, 2019	500,000
DE000GA90AL0	GA90AL	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 6,150	EUR 6,150	EUR 47.58	December 20, 2019	500,000
DE000GA90AR7	GA90AR	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 6,300	EUR 6,300	EUR 50.59	December 20, 2019	500,000
DE000GA90AV9	GA90AV	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 6,150	EUR 6,150	EUR 49.7	December 20, 2019	500,000
DE000GA90B44	GA90B4	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 6,150	EUR 6,150	EUR 58.85	December 20, 2019	500,000
DE000GA90B93	GA90B9	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 6,150	EUR 6,150	EUR 51.51	December 20, 2019	500,000
DE000GA90BJ2	GA90BJ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 5,800	EUR 5,800	EUR 45.78	December 20, 2019	500,000

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DE000GA90BQ7	GA90BQ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 5,800	EUR 5,800	EUR 47.62	December 20, 2019	500,000
DE000GA90C35	GA90C3	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 8,800	EUR 8,800	EUR 65.44	December 20, 2019	500,000
DE000GA90C76	GA90C7	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 7,900	EUR 7,900	EUR 56.57	December 20, 2019	500,000
DE000GA90CG6	GA90CG	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 7,900	EUR 7,900	EUR 60.1	December 20, 2019	500,000
DE000GA90CX1	GA90CX	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 7,000	EUR 7,000	EUR 51.94	December 20, 2019	500,000
DE000GA90D00	GA90D0	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 7,000	EUR 7,000	EUR 54.75	December 20, 2019	500,000
DE000GA90DM2	GA90DM	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,350	EUR 9,650	EUR 9,650	EUR 65.55	December 20, 2019	500,000
DE000GA90DQ3	GA90DQ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 9,650	EUR 9,650	EUR 74.67	December 20, 2019	500,000
DE000GA90DT7	GA90DT	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,300	EUR 9,650	EUR 9,650	EUR 70.49	December 20, 2019	500,000
DE000GA90534	GA9053	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,850	EUR 4,050	EUR 4,050	EUR 38.8	March 20, 2020	500,000
DE000GA905Z0	GA905Z	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 5,800	EUR 5,800	EUR 46.51	March 20, 2020	500,000
DE000GA90682	GA9068	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 5,300	EUR 5,300	EUR 43.72	March 20, 2020	500,000
DE000GA906L8	GA906L	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,750	EUR 4,750	EUR 40.52	March 20, 2020	500,000
DE000GA906R5	GA906R	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,400	EUR 4,400	EUR 38.47	March 20, 2020	500,000
DE000GA906X3	GA906X	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,550	EUR 4,550	EUR 39.34	March 20, 2020	500,000
DE000GA906Z8	GA906Z	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,050	EUR 4,050	EUR 36.52	March 20, 2020	500,000
DE000GA90740	GA9074	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 4,200	EUR 4,200	EUR 37.35	March 20, 2020	500,000
DE000GA90799	GA9079	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,050	EUR 4,050	EUR 38.35	March 20, 2020	500,000
DE000GA90831	GA9083	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 7,900	EUR 7,900	EUR 58.25	March 20, 2020	500,000
DE000GA90864	GA9086	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 7,000	EUR 7,000	EUR 53.22	March 20, 2020	500,000
DE000GA908J8	GA908J	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 6,150	EUR 6,150	EUR 48.47	March 20, 2020	500,000

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DE000GA908P5	GA908P	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 6,300	EUR 6,300	EUR 49.31	March 20, 2020	500,000
DE000GA908Q3	GA908Q	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,750	EUR 6,150	EUR 6,150	EUR 58.04	March 20, 2020	500,000
DE000GA908T7	GA908T	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 6,150	EUR 6,150	EUR 51.44	March 20, 2020	500,000
DE000GA909H0	GA909H	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 9,650	EUR 9,650	EUR 68.03	March 20, 2020	500,000
DE000GA909X7	GA909X	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 8,800	EUR 8,800	EUR 63.28	March 20, 2020	500,000
DE000GA90A37	GA90A3	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 8,800	EUR 8,800	EUR 69.18	March 20, 2020	500,000
DE000GA90DA7	GA90DA	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,600	EUR 4,050	EUR 4,050	EUR 39.58	March 20, 2020	500,000
DE000GA90DB5	GA90DB	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 3,850	EUR 3,850	EUR 35.44	March 20, 2020	500,000
DE000GA90DJ8	GA90DJ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,250	EUR 3,750	EUR 3,750	EUR 34.89	March 20, 2020	500,000
DE000GA90575	GA9057	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 9,400	EUR 9,400	EUR 67.06	June 19, 2020	500,000
DE000GA905A3	GA905A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 8,800	EUR 8,800	EUR 60.77	June 19, 2020	500,000
DE000GA907J0	GA907J	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 7,000	EUR 7,000	EUR 51.35	June 19, 2020	500,000
DE000GA90906	GA9090	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,750	EUR 4,050	EUR 4,050	EUR 38.33	June 19, 2020	500,000
DE000GA90948	GA9094	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,600	EUR 4,100	EUR 4,100	EUR 39.36	June 19, 2020	500,000
DE000GA90997	GA9099	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 3,850	EUR 3,850	EUR 34.69	June 19, 2020	500,000
DE000GA909F4	GA909F	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 3,700	EUR 3,700	EUR 33.91	June 19, 2020	500,000
DE000GA909P3	GA909P	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 3,700	EUR 3,700	EUR 34.06	June 19, 2020	500,000
DE000GA90AJ4	GA90AJ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,750	EUR 4,750	EUR 39.48	June 19, 2020	500,000
DE000GA90AM8	GA90AM	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,750	EUR 4,750	EUR 40.2	June 19, 2020	500,000
DE000GA90AS5	GA90AS	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,550	EUR 4,550	EUR 38.37	June 19, 2020	500,000
DE000GA90B10	GA90B1	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,400	EUR 4,400	EUR 38.09	June 19, 2020	500,000

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DE000GA90B77	GA90B7	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,400	EUR 4,400	EUR 37.56	June 19, 2020	500,000
DE000GA90BC7	GA90BC	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,200	EUR 4,200	EUR 36.49	June 19, 2020	500,000
DE000GA90BH6	GA90BH	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 4,050	EUR 4,050	EUR 36.05	June 19, 2020	500,000
DE000GA90BM6	GA90BM	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 4,050	EUR 4,050	EUR 35.71	June 19, 2020	500,000
DE000GA90BU9	GA90BU	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 4,050	EUR 4,050	EUR 37.31	June 19, 2020	500,000
DE000GA90BV7	GA90BV	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 7,000	EUR 7,000	EUR 53.23	June 19, 2020	500,000
DE000GA90C84	GA90C8	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 6,150	EUR 6,150	EUR 46.9	June 19, 2020	500,000
DE000GA90CB7	GA90CB	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 6,300	EUR 6,300	EUR 47.69	June 19, 2020	500,000
DE000GA90CC5	GA90CC	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,750	EUR 6,150	EUR 6,150	EUR 56.08	June 19, 2020	500,000
DE000GA90CD3	GA90CD	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 6,150	EUR 6,150	EUR 48.34	June 19, 2020	500,000
DE000GA90CU7	GA90CU	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 5,800	EUR 5,800	EUR 45.07	June 19, 2020	500,000
DE000GA90D26	GA90D2	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 5,300	EUR 5,300	EUR 42.45	June 19, 2020	500,000
DE000GA90DC3	GA90DC	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,950	EUR 8,750	EUR 8,750	EUR 72.18	June 19, 2020	500,000
DE000GA90DP5	GA90DP	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,200	EUR 7,900	EUR 7,900	EUR 56.06	June 19, 2020	500,000
DE000GA90DS9	GA90DS	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,150	EUR 7,900	EUR 7,900	EUR 58.42	June 19, 2020	500,000
DE000GA90609	GA9060	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 6,200	EUR 6,200	EUR 50.14	September 18, 2020	500,000
DE000GA90633	GA9063	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 6,200	EUR 6,200	EUR 47.73	September 18, 2020	500,000
DE000GA90641	GA9064	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 6,300	EUR 6,300	EUR 48.29	September 18, 2020	500,000
DE000GA90690	GA9069	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 5,800	EUR 5,800	EUR 45.51	September 18, 2020	500,000
DE000GA906E3	GA906E	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 5,300	EUR 5,300	EUR 42.74	September 18, 2020	500,000
DE000GA906F0	GA906F	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,400	EUR 4,400	EUR 37.61	September 18, 2020	500,000

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DE000GA906J2	GA906J	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,600	EUR 4,600	EUR 38.77	September 18, 2020	500,000
DE000GA906M6	GA906M	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,800	EUR 4,800	EUR 39.94	September 18, 2020	500,000
DE000GA906N4	GA906N	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,700	EUR 4,100	EUR 4,100	EUR 38.29	September 18, 2020	500,000
DE000GA906Q7	GA906Q	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,800	EUR 4,100	EUR 4,100	EUR 37.78	September 18, 2020	500,000
DE000GA906S3	GA906S	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 4,100	EUR 4,100	EUR 36.57	September 18, 2020	500,000
DE000GA906T1	GA906T	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,100	EUR 4,100	EUR 35.92	September 18, 2020	500,000
DE000GA906W5	GA906W	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,200	EUR 4,200	EUR 36.48	September 18, 2020	500,000
DE000GA90716	GA9071	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,400	EUR 4,100	EUR 4,100	EUR 39.48	September 18, 2020	500,000
DE000GA90757	GA9075	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,600	EUR 4,100	EUR 4,100	EUR 38.75	September 18, 2020	500,000
DE000GA907A9	GA907A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 3,700	EUR 3,700	EUR 33.7	September 18, 2020	500,000
DE000GA907B7	GA907B	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 3,900	EUR 3,900	EUR 34.81	September 18, 2020	500,000
DE000GA907N2	GA907N	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 7,000	EUR 7,000	EUR 52.17	September 18, 2020	500,000
DE000GA908E9	GA908E	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 8,800	EUR 8,800	EUR 62.15	September 18, 2020	500,000
DE000GA908H2	GA908H	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 7,900	EUR 7,900	EUR 57.16	September 18, 2020	500,000
DE000GA907S1	GA907S	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,600	EUR 4,100	EUR 4,100	EUR 38.15	December 18, 2020	500,000
DE000GA907T9	GA907T	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,100	EUR 4,100	EUR 35.28	December 18, 2020	500,000
DE000GA907V5	GA907V	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,200	EUR 4,200	EUR 35.78	December 18, 2020	500,000
DE000GA907Z6	GA907Z	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 3,900	EUR 3,900	EUR 34.26	December 18, 2020	500,000
DE000GA90849	GA9084	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,400	EUR 4,100	EUR 4,100	EUR 38.99	December 18, 2020	500,000
DE000GA90880	GA9088	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 3,700	EUR 3,700	EUR 33.24	December 18, 2020	500,000
DE000GA90963	GA9096	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 7,900	EUR 7,900	EUR 54.54	December 18, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA909A5	GA909A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 7,000	EUR 7,000	EUR 50.01	December 18, 2020	500,000
DE000GA909J6	GA909J	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,700	EUR 6,200	EUR 6,200	EUR 53.99	December 18, 2020	500,000
DE000GA909L2	GA909L	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 6,200	EUR 6,200	EUR 45.99	December 18, 2020	500,000
DE000GA909M0	GA909M	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 6,300	EUR 6,300	EUR 46.5	December 18, 2020	500,000
DE000GA909T5	GA909T	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 5,800	EUR 5,800	EUR 43.98	December 18, 2020	500,000
DE000GA909Y5	GA909Y	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 5,300	EUR 5,300	EUR 41.47	December 18, 2020	500,000
DE000GA90A11	GA90A1	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,400	EUR 4,400	EUR 36.81	December 18, 2020	500,000
DE000GA90A45	GA90A4	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,600	EUR 4,600	EUR 37.86	December 18, 2020	500,000
DE000GA90A78	GA90A7	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 4,800	EUR 4,800	EUR 38.94	December 18, 2020	500,000
DE000GA90BT1	GA90BT	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,100	EUR 8,800	EUR 8,800	EUR 59.06	December 18, 2020	500,000
DE000GA90AA3	GA90AA	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 5,800	EUR 5,800	EUR 43.16	June 18, 2021	500,000
DE000GA90AC9	GA90AC	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 4,800	EUR 4,800	EUR 38.13	June 18, 2021	500,000
DE000GA90AK2	GA90AK	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 5,300	EUR 5,300	EUR 40.65	June 18, 2021	500,000
DE000GA90AN6	GA90AN	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,900	EUR 4,800	EUR 4,800	EUR 39.25	June 18, 2021	500,000
DE000GA90AT3	GA90AT	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 4,400	EUR 4,400	EUR 36.01	June 18, 2021	500,000
DE000GA90AX5	GA90AX	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 4,600	EUR 4,600	EUR 37.07	June 18, 2021	500,000
DE000GA90B28	GA90B2	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,600	EUR 4,100	EUR 4,100	EUR 36.89	June 18, 2021	500,000
DE000GA90B51	GA90B5	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,700	EUR 4,100	EUR 4,100	EUR 36.32	June 18, 2021	500,000
DE000GA90B69	GA90B6	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,900	EUR 4,100	EUR 4,100	EUR 35.08	June 18, 2021	500,000
DE000GA90B85	GA90B8	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 4,100	EUR 4,100	EUR 34.45	June 18, 2021	500,000
DE000GA90BA1	GA90BA	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 4,200	EUR 4,200	EUR 34.97	June 18, 2021	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GA90BE3	GA90BE	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,400	EUR 4,100	EUR 4,100	EUR 37.91	June 18, 2021	500,000
DE000GA90BN4	GA90BN	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 3,900	EUR 3,900	EUR 33.43	June 18, 2021	500,000
DE000GA90BW5	GA90BW	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 8,800	EUR 8,800	EUR 58.24	June 18, 2021	500,000
DE000GA90C92	GA90C9	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 7,900	EUR 7,900	EUR 53.72	June 18, 2021	500,000
DE000GA90CH4	GA90CH	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 7,000	EUR 7,000	EUR 49.19	June 18, 2021	500,000
DE000GA90CL6	GA90CL	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,900	EUR 6,200	EUR 6,200	EUR 47.34	June 18, 2021	500,000
DE000GA90CM4	GA90CM	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 6,200	EUR 6,200	EUR 45.17	June 18, 2021	500,000
DE000GA90CN2	GA90CN	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,000	EUR 6,300	EUR 6,300	EUR 45.67	June 18, 2021	500,000
DE000GA90CQ5	GA90CQ	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,400	EUR 6,200	EUR 6,200	EUR 55.32	June 18, 2021	500,000
DE000GA90CT9	GA90CT	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,600	EUR 6,200	EUR 6,200	EUR 52.72	June 18, 2021	500,000
DE000GA90CV5	GA90CV	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,700	EUR 6,200	EUR 6,200	EUR 51.13	June 18, 2021	500,000
DE000GA90CY9	GA90CY	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 2,800	EUR 6,200	EUR 6,200	EUR 49.33	June 18, 2021	500,000

UNDERLYING INFORMATION

Underlying	Bloomberg	Reuters	Reference Currency	ISIN	Index Sponsor	Spot Reference
DAX [®] (Performance Index)*	DAX Index	.GDAXI	EUR	DE0008469008	Deutsche Börse AG	EUR 12332.12
EURO STOXX 50 [®] Index (Price EUR)**	SX5E Index	.STOXX50E	EUR	EU0009658145	STOXX Limited	EUR 3496.73

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GENERAL INFORMATION

DATES

Strike Date	July 11, 2019
Start of Public Offering (DE)	July 16, 2019
Start of Public Offering (AT)	July 16, 2019
Settlement Date	July 18, 2019
First Trading Date	July 16, 2019
Last Trading Date	The day immediately preceding the Maturity Date on which the exchange where the Certificates are listed is open for trading.

PRODUCT INFORMATION

	Each Certificate entitles the holder, in accordance with the respective Terms and Conditions of the Certificates, to receive 3 Business Days after the Valuation Date either :
Certificate Right	If during the Observation Period the Underlying Price was never equal to or below the Barrier Level Ratio · Min[Cap; Max[Bonus; ReferencePrice(Final)]] otherwise: Ratio · Min[Cap; ReferencePrice(Final)]
Reference Price	The settlement price (official special quotation) of the option on the Underlying on the Maturity Date as published by the derivatives exchange. If on such a day no official settlement price is available, the official closing price of the Underlying on any Index Calculation Day as calculated and published by the Index Sponsor.

Reference Price (Final)	The Reference Price on the Valuation Date
Underlying Price	The official price of the Underlying at any time on any Index Calculation Day as calculated and published by the Index Sponsor.
Index Calculation Day	Such day on which the Underlying is usually calculated and published by the Index Sponsor
Valuation Date	Maturity Date. If such date is not an Index Calculation Day, the next following Index Calculation Day shall be the Valuation Date.
Observation Period	From the First Trading Date (including) to the Valuation Date (including)
Business Days	TARGET Application will be made to include the Certificates in the Segment Börse Frankfurt Zertifikate Premium of the Frankfurt Stock Exchange and in the regulated unofficial market (Freiverkehr) of the Stuttgart Stock Exchange (EUWAX), in each case for continuous trading.
Listing	The Issuer intends to make a market in the securities on a regular basis under normal market conditions, but the Issuer does not commit and is under no obligation legal or otherwise to make any market in the securities.
Secondary Trading	The Issuer reserves the right to increase the Issue Size at any time.
Issue Size	1 Certificate
Trading Size	1 Certificate
Minimum Exercise	1 Certificate
Section 871(m)	The Issuer has determined that, as of the Trade Date, the Certificates will not be subject to withholding under Section 871(m) of the U.S. Internal Revenue Code.

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ISSUER

Issuer	Goldman, Sachs & Co. Wertpapier GmbH, Frankfurt, Germany
Certificate Agent	Goldman Sachs Bank Europe SE, Frankfurt, Germany
Lead Manager	Goldman Sachs Bank Europe SE, Frankfurt, Germany
Calculation Agent	Goldman Sachs International, London, GB
Guarantor	The Goldman Sachs Group, Inc., Delaware, USA
Guarantor Rating	A3 (Moody's)/ BBB+ (Standard & Poor's) / A (Fitch)
Depository	Clearstream Banking AG, Frankfurt am Main

Fees payable by GS:

A selling commission may have been paid by Goldman Sachs International or any of its affiliates (collectively, "GS") in relation to this transaction. Please refer to the Final Terms for further details.

OFFERING INFORMATION

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You agree that: (i) you will not offer, sell or deliver any of the Securities described in this material in any jurisdiction, except in compliance with all applicable laws, and (ii) you will take, at your own expense, whatever action is required to permit your purchase and resale of the Securities.

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THESE SECURITIES ARE NOT PRINCIPAL PROTECTED. THERE IS A RISK THAT YOU COULD LOSE ALL OF YOUR INVESTMENT.

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Credit risk: Investors in Securities will be exposed to the credit risk of Goldman Sachs. If the Issuer and/or Guarantor become insolvent or cannot make the payments on the Securities for any other reason, you will lose some or all of your investment. A decline in Goldman Sachs' credit quality is likely to reduce the market value of the Securities and therefore the price an investor may receive for the Securities if they were to sell them in the market.

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Leverage: These Securities are subject to leverage. Where an investment is subject to leverage, the effective exposure to the underlying asset or payment reference is increased. Leverage may expose investors to increased losses where the value of underlying asset falls. Leverage can be embedded in derivative components of complex financial instruments.

Combining investment types: These Securities may have some or all of the characteristics of debt and derivatives instruments. These elements could interact to produce both an enhanced possibility of loss of the initial investment or an enhanced return.

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- In the case of Securities referencing one or more indices or other underlying assets (collectively, the "Underlyings"), changes in the price of the Securities may not correlate to changes in the value of the Underlyings; any declines or gains in the value of one Underlying may be more than offset by movements in the value of other Underlyings.
- The price of these Securities may be adversely affected by trading and other transactions by GS relating to the Securities and/or any Underlyings

- The price of these Securities could be significantly impacted by determinations that GS may make in its sole discretion from time to time as calculation agent and/or index sponsor, as the case may be.

Relevant Information: GS may, by virtue of its status as an underwriter, advisor or otherwise, possess or have access to information relating to these Securities, and/or any Underlyings and any derivative instruments referencing them (together "Relevant Instruments"). GS will not be obliged to disclose any such Relevant Information to you.

No Exchange Guarantee nor Contract Ownership: These Securities are not guaranteed by an exchange nor does it result in the ownership of any futures contracts.

No Liquidity: There may be no market for these Securities. An investor must be prepared to hold them until the Maturity Date. GS may, but is not obliged to, make a market. If it does, it may cease at any time without notice.

Valuation: Assuming no change in market conditions or other factors, the value of these Securities on the Settlement Date may be significantly less than the execution price on the trade date. If you unwind your investment early, you may receive less than the stated redemption amount and/or settlement amount.

Price Discrepancy: Any price quoted for these Securities by GS may differ significantly from (i) the Securities' value determined by reference to GS pricing models and (ii) any price quoted by a third party.

Foreign Exchange: Foreign currency denominated Securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of, or income derived from, the investment.

Secondary market risks: The Issuer or the Lead Manager, as applicable, intends, under normal market conditions, to provide bid and offer prices for these Securities on a regular basis. However, the Issuer or the Lead Manager, as applicable, makes no firm commitment to provide liquidity by means of bid and offer prices for these Securities, and assumes no legal obligation to quote any such prices or with respect to the level or determination of such prices. Potential Investors therefore should not rely on the ability to sell these Securities at a specific time or at a specific price. In special market situations, where the Issuer is completely unable to enter into hedging transactions, or where such transactions are very difficult to enter into, the spread between the bid and offer prices may be temporarily expanded, in order to limit the economic risks of the Issuer.

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arise as a result of the ownership, transfer or exercise of any Securities. Where such withholding or deduction is required by law, the appropriate withholding or deduction shall be made and neither the Issuer nor the Guarantor shall have any obligation to pay any additional amounts to compensate for such withholding or deduction

Section 871(m) of the U.S. Internal Revenue Code: The U.S. Treasury Department has issued regulations under which amounts paid or deemed paid on certain financial instruments that are treated as attributable to U.S.-source dividends could be treated, in whole or in part depending on the circumstances, as a "dividend equivalent" payment that is subject to tax at a rate of 30 per cent. (or a lower rate under an applicable treaty). We have determined that, as of the issue date of the Certificates, the Certificates will not be subject to withholding under these rules. In certain limited circumstances, however, it is possible for United States alien holders to be liable for tax under these rules with respect to a combination of transactions treated as having been entered into in connection with each other even when no withholding is required. United States alien holders should consult their tax advisor concerning these regulations, subsequent official guidance and regarding any other possible alternative characterisations of their Certificates for United States federal income tax purposes. See "United States Tax Considerations – Dividend Equivalent Payments" in the relevant prospectus for a more comprehensive discussion of the application of Section 871(m) to the Certificates.

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