

Canon Inc.

BE (EP 4,044,401)
CN 113489172
CN 113785469
CN 116599549
CZ (EP 4,044,401)
DE (EP 2,784,718)
DE (EP 3,285,195)
DE (EP 4,044,401)
DK (EP 4,044,401)
ES (EP 4,044,401)
FR (EP 2,784,718)
FR (EP 3,285,195)
FR (EP 4,044,401)
GB (EP 2,784,718)
GB (EP 3,285,195)
GB (EP 4,044,401)
HU (EP 4,044,401)
IT (EP 4,044,401)
JP 5,584,805
JP 7,278,356
JP 7,336,581
JP 7,413,594
JP 7,449,083
JP 7,467,716
JP 7,514,110
JP 7,538,915
JP 7,592,830
JP 7,614,725
JP 7,614,750
JP 7,618,090
JP 7,624,045
JP 7,630,234
JP 7,645,952
JP 7,654,858
JP 7,667,899
JP 7,707,088
JP 7,710,552
KR 2,593,111
KR 2,678,518
NL (EP 4,044,401)
NO (EP 4,044,401)
PL (EP 4,044,401)
RO (EP 4,044,401)
SE (EP 4,044,401)
US 11,722,014
US 12,088,120
US 12,143,173

US 12,155,226
US 12,207,328
US 12,230,978
US 12,244,158
US 12,283,829

ConvenientPower HK Limited

US 8,290,463
US 8,554,165
US 10,511,183

Dolby Hybrid Technologies,
LLC

CN 103545937
CN 104521105
KR 859,445
KR 874,837
KR 976,120
KR 976,163
KR 1,653,759
KR 2,136,667
KR 2,205,359
KR 2,211,665
US Re. 44,038
US Re. 46,111
US Re. 48,193
US 9,419,478
US 9,564,263
US 9,762,092
US 10,439,445
US 10,938,240
US 11,038,377
US 11,139,698
US 11,601,014
US 11,652,370

Electronics and
Telecommunications Research
Institute

US 8,558,412

Hyundai Mobis Co., Ltd.

CN 102208921
JP 5,449,407
JP 5,781,348

KR 1,027,966
KR 1,027,967
KR 1,037,432
KR 1,038,097
KR 1,040,116
KR 1,092,664
KR 1,179,126
KR 1,304,314
KR 1,350,312
KR 1,434,416
US 8,406,165
US 9,923,603

Intel Corporation

CN 101447683
CN 102280919
CN 102355037
CN 103178593
CN 103296784
CN 105914900
DE (EP 2,066,000)
DE (EP 2,093,857)
DE (EP 2,394,350)
DE (EP 2,416,599)
DE (EP 2,683,051)
FR (EP 2,066,000)
FR (EP 2,093,857)
FR (EP 2,683,051)
GB (EP 2,066,000)
GB (EP 2,093,857)
GB (EP 2,394,350)
GB (EP 2,416,599)
GB (EP 2,683,051)
JP 5,059,720
JP 5,611,383
JP 5,651,724
JP 6,352,342
KR 971,701
KR 971,737
KR 971,748
KR 1,325,391
NL (EP 2,066,000)
NL (EP 2,394,350)
NL (EP 2,416,599)
NL (EP 2,683,051)
US Re. 44,713
US 7,825,625
US 8,427,011

US 8,552,593
US 8,760,010
US 8,914,080
US 9,142,995
US 9,531,197
US 9,685,817
US 10,109,416
US 10,299,095
US 11,387,677

Intellectual Discovery Co., Ltd.

US 10,581,491

Koninklijke Philips N.V.

AT (EP 2,446,600)
AT (EP 2,628,233)
AT (EP 2,689,512)
AT (EP 2,867,997)
AT (EP 2,880,736)
AT (EP 2,909,917)
AT (EP 3,487,028)
AT (EP 3,627,656 C0)
AT (EP 3,800,765 C0)
BE (EP 2,446,600)
BE (EP 2,628,233)
BE (EP 2,689,512)
BE (EP 2,867,997)
BE (EP 2,880,736)
BE (EP 2,909,917)
BE (EP 3,487,028)
BE (EP 3,627,656 C0)
BE (EP 3,800,765 C0)
BG (EP 3,627,656 C0)
BG (EP 3,800,765 C0)
BR PI1009631
BR PI1009714
BR 112013008708
BR 112013023947
BR 112014032025-0
BR 112015008218
BR 112018014053-8
CH (EP 2,446,600)
CH (EP 2,628,233)
CH (EP 2,689,512)
CH (EP 2,867,997)
CH (EP 2,880,736)
CH (EP 2,909,917)

CH (EP 3,487,028)
CH (EP 3,627,656 C0)
CH (EP 3,800,765 C0)
CN 101573851
CN 101836272
CN 102449874
CN 102804542
CN 102804728
CN 102823101
CN 103155337
CN 103430415
CN 103457363
CN 104320390
CN 104412517
CN 104704710
CN 105006895
CN 106463973
CN 108702028
CY (EP 3,627,656 C0)
CZ (EP 2,446,600)
CZ (EP 2,628,233)
CZ (EP 2,689,512)
CZ (EP 2,867,997)
CZ (EP 2,880,736)
CZ (EP 2,909,917)
CZ (EP 3,487,028)
CZ (EP 3,627,656 C0)
CZ (EP 3,800,765 C0)
DE (EP 2,436,096)
DE (EP 2,446,600)
DE (EP 2,628,233)
DE (EP 2,689,512)
DE (EP 2,867,997)
DE (EP 2,880,736)
DE (EP 2,909,917)
DE (EP 3,123,587)
DE (EP 3,403,313)
DE (EP 3,407,466)
DE (EP 3,487,028)
DE (EP 3,627,656 C0)
DE (EP 3,640,836)
DE (EP 3,800,765 C0)
DK (EP 3,627,656 C0)
DK (EP 3,800,765 C0)
EE (EP 3,627,656 C0)
EE (EP 3,800,765 C0)
ES (EP 2,446,600)
ES (EP 2,628,233)
ES (EP 2,689,512)

ES (EP 2,867,997)
ES (EP 2,880,736)
ES (EP 2,909,917)
ES (EP 3,123,587)
ES (EP 3,403,313)
ES (EP 3,487,028)
ES (EP 3,627,656 C0)
ES (EP 3,640,836)
ES (EP 3,800,765 C0)
FI (EP 2,446,600)
FI (EP 2,628,233)
FI (EP 2,689,512)
FI (EP 2,867,997)
FI (EP 2,880,736)
FI (EP 2,909,917)
FI (EP 3,487,028)
FI (EP 3,627,656 C0)
FI (EP 3,800,765 C0)
FR (EP 2,436,096)
FR (EP 2,446,600)
FR (EP 2,628,233)
FR (EP 2,689,512)
FR (EP 2,867,997)
FR (EP 2,880,736)
FR (EP 2,909,917)
FR (EP 3,123,587)
FR (EP 3,403,313)
FR (EP 3,407,466)
FR (EP 3,487,028)
FR (EP 3,627,656 C0)
FR (EP 3,640,836)
FR (EP 3,800,765 C0)
GB (EP 2,436,096)
GB (EP 2,446,600)
GB 2,489,895
GB 2,490,074
GB 2,508,548
GB (EP 2,628,233)
GB (EP 2,689,512)
GB (EP 2,867,997)
GB (EP 2,880,736)
GB (EP 2,909,917)
GB (EP 3,123,587)
GB (EP 3,403,313)
GB (EP 3,407,466)
GB (EP 3,487,028)
GB (EP 3,627,656 C0)
GB (EP 3,640,836)
GB (EP 3,800,765 C0)

GR (EP 3,627,656 C0)	JP 6,632,126	NL (EP 3,487,028)
GR (EP 3,800,765 C0)	JP 6,774,924	NL (EP 3,627,656 C0)
HK 1,148,383	JP 6,794,517	NL (EP 3,640,836)
HK 1,163,947	JP 6,860,608	NL (EP 3,800,765 C0)
HR (EP 3,627,656 C0)	JP 6,975,092	NO (EP 3,627,656 C0)
HR (EP 3,800,765 C0)	KR 1,399,688	NO (EP 3,800,765 C0)
HU (EP 3,627,656 C0)	KR 1,492,296	PL (EP 2,446,600)
HU (EP 3,640,836)	KR 1,603,275	PL (EP 2,628,233)
ID P000042451	KR 1,699,986	PL (EP 2,689,512)
ID P000056719	KR 1,733,403	PL (EP 2,867,997)
ID P000063598	KR 1,743,772	PL (EP 2,880,736)
ID P000072408	KR 1,777,434	PL (EP 2,909,917)
IE (EP 3,627,656 C0)	KR 1,839,588	PL (EP 3,407,466)
IE (EP 3,800,765 C0)	KR 1,842,611	PL (EP 3,627,656 C0)
IN 328,887	KR 2,096,559	PT (EP 3,627,656 C0)
IN 346,819	LI (EP 2,446,600)	PT (EP 3,800,765 C0)
IN 354210	LI (EP 2,628,233)	RO (EP 3,627,656 C0)
IN 367641	LI (EP 2,689,512)	RO (EP 3,640,836)
IN 413037	LI (EP 2,867,997)	RO (EP 3,800,765 C0)
IN 444246	LI (EP 2,880,736)	SE (EP 2,446,600)
IN 451497	LI (EP 2,909,917)	SE (EP 2,628,233)
IS (EP 3,627,656 C0)	LI (EP 3,487,028)	SE (EP 2,689,512)
IT (EP 2,446,600)	LI (EP 3,627,656 C0)	SE (EP 2,867,997)
IT (EP 2,628,233)	LI (EP 3,800,765 C0)	SE (EP 2,880,736)
IT (EP 2,689,512)	LT (EP 3,627,656 C0)	SE (EP 2,909,917)
IT (EP 2,867,997)	LT (EP 3,800,765 C0)	SE (EP 3,487,028)
IT (EP 2,880,736)	LU (EP 3,627,656 C0)	SE (EP 3,627,656 C0)
IT (EP 2,909,917)	LU (EP 3,800,765 C0)	SE (EP 3,800,765 C0)
IT (EP 3,123,587)	LV (EP 3,627,656 C0)	SI (EP 3,627,656 C0)
IT (EP 3,403,313)	LV (EP 3,800,765 C0)	SI (EP 3,800,765 C0)
IT (EP 3,487,028)	MC (EP 3,627,656 C0)	SK (EP 3,627,656 C0)
IT (EP 3,627,656 C0)	MT (EP 3,627,656 C0)	TH 71142
IT (EP 3,640,836)	MT (EP 3,800,765 C0)	TH 110417
IT (EP 3,800,765 C0)	MX 320,310	TR (EP 2,436,096)
JP 5,602,745	MX 323,717	TR (EP 2,446,600)
JP 5,615,908	MX 347684	TR (EP 2,628,233)
JP 5,647,179	MX 347,898	TR (EP 2,689,512)
JP 5,815,515	MX 372938	TR (EP 2,867,997)
JP 5,869,497	MY 143127-A	TR (EP 2,880,736)
JP 5,918,146	MY 145865-A	TR (EP 2,909,917)
JP 5,940,643	MY 151405	TR (EP 3,123,587)
JP 6,134,023	MY 160103-A	TR (EP 3,403,313)
JP 6,259,659	NL (EP 2,446,600)	TR (EP 3,407,466)
JP 6,276,772	NL (EP 2,628,233)	TR (EP 3,487,028)
JP 6,346,175	NL (EP 2,689,512)	TR (EP 3,627,656 C0)
JP 6,515,142	NL (EP 2,867,997)	TR (EP 3,640,836)
JP 6,533,565	NL (EP 2,880,736)	TR (EP 3,800,765 C0)
JP 6,557,368	NL (EP 2,909,917)	TW I367617
JP 6,615,366	NL (EP 3,407,466)	TW I459678

TW I484716
TW I499154
TW I523366
TW I636634
US 8,004,235
US 8,097,984
US 8,188,854
US 8,446,046
US 8,587,154
US 8,618,697
US 8,620,484
US 8,716,977
US 8,853,892
US 8,952,655
US 9,154,002
US 9,318,912
US 9,331,526
US 9,401,623
US 9,524,822
US 9,544,022 - Exp. Dec 16, 2025
US 9,625,501
US 9,716,388
US 9,735,836
US 10,033,223
US 10,069,350 - Exp. Dec 25, 2025
US 10,103,584
US 10,141,782
US 10,305,329
US 10,312,750
US 10,320,244
US 10,439,437 - Exp. Jan 10, 2026
US 10,545,180
US 10,694,008
US 10,778,048
US 10,791,204
US 10,855,109
US 10,862,335
US 10,985,613
US 11,050,304
US 11,165,285
US 11,245,287
US 11,293,957
US 11,323,551
US 11,522,393
US 11,683,403
US 11,955,811
US 12,249,845
ZA 2015/00648
ZA 2018/05347

ZA 201501366

LG Electronics Inc.

AT (EP 3,745,558)
AT (EP 3,829,027)
AT (EP 4,195,452)
AT (EP 4,221,094)
AT (EP 4,250,524)
BE (EP 3,745,558)
BE (EP 3,829,027)
BE (EP 4,195,452)
BE (EP 4,221,094)
BE (EP 4,250,524)
BG (EP 3,829,027)
BG (EP 4,195,452)
BG (EP 4,221,094)
BG (EP 4,250,524)
CH (EP 3,745,558)
CH (EP 4,138,309)
CN 105281444
CN 107438934
CN 109463026
CN 110476362
CN 110622392
CN 111989842
CN 112913109
CN 115051438
CZ (EP 3,579,380)
CZ (EP 3,745,558)
CZ (EP 4,195,452)
CZ (EP 4,221,094)
DE (EP 3,185,262)
DE (EP 3,579,380)
DE (EP 3,582,466)
DE (EP 3,745,558)
DE (EP 3,829,027)
DE (EP 3,852,234)
DE (EP 3,972,088)
DE (EP 4,138,309)
DE (EP 4,195,452)
DE (EP 4,221,094)
DE (EP 4,250,524)
DK (EP 3,829,027)
DK (EP 4,195,452)
DK (EP 4,221,094)
DK (EP 4,250,524)
EE (EP 3,829,027)
EE (EP 4,195,452)

EE (EP 4,221,094)
EE (EP 4,250,524)
ES (EP 3,185,262)
ES (EP 3,745,558)
ES (EP 3,852,234)
ES (EP 3,972,088)
ES (EP 4,221,094)
FI (EP 3,185,262)
FI (EP 3,829,027)
FI (EP 3,972,088)
FI (EP 4,195,452)
FI (EP 4,221,094)
FI (EP 4,250,524)
FR (EP 3,185,262)
FR (EP 3,579,380)
FR (EP 3,582,466)
FR (EP 3,745,558)
FR (EP 3,829,027)
FR (EP 3,852,234)
FR (EP 3,972,088)
FR (EP 4,138,309)
FR (EP 4,195,452)
FR (EP 4,221,094)
FR (EP 4,250,524)
GB (EP 3,185,262)
GB (EP 3,579,380)
GB (EP 3,582,466)
GB (EP 3,745,558)
GB (EP 3,829,027)
GB (EP 3,852,234)
GB (EP 3,972,088)
GB (EP 4,138,309)
GB (EP 4,195,452)
GB (EP 4,221,094)
GB (EP 4,250,524)
GR (EP 4,221,094)
HU (EP 3,185,262)
HU (EP 3,579,380)
HU (EP 3,745,558)
HU (EP 3,829,027)
HU (EP 3,852,234)
HU (EP 3,972,088)
HU (EP 4,138,309)
HU (EP 4,250,524)
ID P000090468
IN 492270
IT (EP 3,185,262)
IT (EP 3,745,558)
IT (EP 3,829,027)

IT (EP 3,852,234)	PT (EP 4,221,094)	US 11,658,513
IT (EP 3,972,088)	PT (EP 4,250,524)	US 11,658,520
IT (EP 4,138,309)	RO (EP 3,829,027)	US 11,664,688
IT (EP 4,195,452)	RO (EP 3,852,234)	US 11,670,966
IT (EP 4,221,094)	RO (EP 4,195,452)	US 11,689,064
IT (EP 4,250,524)	RO (EP 4,221,094)	US 11,715,982
JP 7,098,739	RO (EP 4,250,524)	US 11,728,694
JP 7,177,263	SE (EP 3,185,262)	US 11,736,146
JP 7,258,768	SE (EP 3,745,558)	US 11,757,310
JP 7,381,663	SE (EP 3,829,027)	US 11,764,623
JP 7,429,677	SE (EP 3,972,088)	US 11,817,917
JP 7,527,339	SE (EP 4,138,309)	US 11,881,912
JP 7,601,992	SE (EP 4,195,452)	US 11,936,204
KR 2,242,518	SE (EP 4,221,094)	US 11,949,250
KR 2,246,177	SE (EP 4,250,524)	US 12,021,397
KR 2,464,494	SI (EP 3,829,027)	US 12,034,318
KR 2,537,602	SI (EP 4,195,452)	US 12,074,448
LI (EP 3,745,558)	SI (EP 4,221,094)	US 12,126,187
LI (EP 4,138,309)	SI (EP 4,250,524)	US 12,160,116
LT (EP 3,829,027)	SK (EP 4,221,094)	
LT (EP 4,195,452)	TR (EP 3,745,558)	<u>LG Innotek Co., Ltd.</u>
LT (EP 4,221,094)	TR (EP 3,852,234)	
LT (EP 4,250,524)	TR (EP 3,972,088)	AT (EP 3,731,427 C0)
LU (EP 3,829,027)	TR (EP 4,221,094)	BE (EP 3,731,427 C0)
LU (EP 4,195,452)	US 9,997,951	BG (EP 3,731,427 C0)
LU (EP 4,221,094)	US 10,411,517	CH (EP 3,731,427 C0)
LU (EP 4,250,524)	US 10,505,398	CN 104600869
LV (EP 3,829,027)	US 10,892,648	CN 115347688
LV (EP 4,195,452)	US 10,931,332	CZ (EP 3,731,427 C0)
LV (EP 4,221,094)	US 10,998,775	DE (EP 3,389,191)
LV (EP 4,250,524)	US 11,005,299	DE (EP 3,393,051)
MT (EP 3,829,027)	US 11,005,307	DE (EP 3,731,427 C0)
MT (EP 4,195,452)	US 11,031,829	DK (EP 3,731,427 C0)
MT (EP 4,221,094)	US 11,063,636	EE (EP 3,731,427 C0)
MT (EP 4,250,524)	US 11,108,281	ES (EP 3,731,427 C0)
NL (EP 3,185,262)	US 11,205,929	FI (EP 3,731,427 C0)
NL (EP 3,745,558)	US 11,289,954	FR (EP 3,389,191)
NL (EP 3,829,027)	US 11,296,559	FR (EP 3,393,051)
NL (EP 3,852,234)	US 11,316,376	FR (EP 3,731,427 C0)
NL (EP 4,138,309)	US 11,316,384	GB (EP 3,389,191)
NL (EP 4,195,452)	US 11,355,971	GB (EP 3,393,051)
NL (EP 4,221,094)	US 11,387,866	GB (EP 3,731,427 C0)
NL (EP 4,250,524)	US 11,444,662	IE (EP 3,731,427 C0)
NO (EP 4,221,094)	US 11,496,004	IT (EP 3,731,427 C0)
PL (EP 3,972,088)	US 11,539,249	JP 6,497,717
PL (EP 4,138,309)	US 11,552,504	JP 6,748,249
PL (EP 4,221,094)	US 11,563,343	JP 6,975,293
PT (EP 3,829,027)	US 11,569,692	JP 7,423,551
PT (EP 4,195,452)	US 11,626,758	JP 7,461,540

JP 7,469,534
JP 7,496,459
JP 7,506,804
JP 7,525,564
JP 7,620,665
JP 7,633,320
JP 7,646,749
JP 7,655,976
JP 7,678,842
JP 7,678,843
JP 7,713,999
KR 1,601,909
KR 1,749,999
KR 1,981,721
KR 2,108,502
KR 2,220,864
KR 2,338,396
KR 2,509,314
KR 2,592,095
KR 2,592,807
KR 2,617,560
KR 2,633,579
KR 2,644,911
KR 2,644,912
KR 2,656,065
KR 2,672,538
KR 2,672,539
KR 2,719,208
KR 2,719,254
KR 2,735,439
KR 2,764,634
KR 2,764,635
LI (EP 3,731,427 C0)
LT (EP 3,731,427 C0)
LU (EP 3,731,427 C0)
LV (EP 3,731,427 C0)
MC (EP 3,731,427 C0)
MT (EP 3,731,427 C0)
NL (EP 3,389,191)
NL (EP 3,393,051)
NL (EP 3,731,427 C0)
PL (EP 3,731,427 C0)
PT (EP 3,731,427 C0)
SE (EP 3,389,191)
SE (EP 3,393,051)
SE (EP 3,731,427 C0)
SI (EP 3,731,427 C0)
US Re. 50,375
US 10,110,074

US 10,340,751
US 10,742,074
US 10,862,348
US 10,916,973
US 11,005,303
US 11,349,347
US 11,381,119
US 11,626,762
US 11,646,607
US 11,652,371
US 11,784,514
US 11,817,716
US 11,923,699
US 12,021,395
US 12,034,317
US 12,095,288
US 12,119,671
US 12,126,188
US 12,142,945
US 12,142,946
US 12,155,234
US 12,160,120
US 12,176,731
US 12,184,091
US 12,184,092
US 12,184,093
US 12,184,094
US 12,191,681
US 12,218,525
US 12,230,979
US 12,249,850
US 12,278,502

Navigate LLC

AT (EP 2,357,715)
BE (EP 2,357,715)
CH (EP 2,357,715)
CN 101828320
DE (EP 2,357,715)
DK (EP 2,357,715)
ES (EP 2,357,715)
FI (EP 2,357,715)
FR (EP 2,357,715)
GB (EP 2,357,715)
GR (EP 2,357,715)
HU (EP 2,357,715)
IE (EP 2,357,715)
IT (EP 2,357,715)

JP 5,393,804
JP 5,932,743
KR 915,842
KR 928,439
LI (EP 2,357,715)
NL (EP 2,357,715)
NO (EP 2,357,715)
PL (EP 2,357,715)
PT (EP 2,357,715)
SE (EP 2,357,715)
SK (EP 2,357,715)
TR (EP 2,357,715)
US Re. 49,300
US 8,344,552
US 8,471,410
US 8,629,578
US 8,669,676
US 9,130,395
US 9,843,230

NEC Corporation

JP 5,963,007
JP 6,061,014

Panasonic Automotive Systems Co., Ltd.

DE (EP 2,086,085)
DE (EP 2,882,070)
FR (EP 2,086,085)
FR (EP 2,882,070)
GB (EP 2,086,085)
GB (EP 2,882,070)
JP 4,480,048
JP 5,430,046
JP 5,475,184
JP 5,509,385
JP 5,555,302
JP 5,662,532
JP 5,830,707
JP 6,002,931
JP 6,090,172
JP 6,467,638
JP 6,467,639
US 8,330,414
US 8,664,914
US 8,786,252
US 9,124,106

US 9,312,711
US 9,362,779
US 9,438,069
US 9,490,654
US 9,985,463

Panasonic Holdings Corporation

AT (EP 3,335,926 C0)
BE (EP 3,335,926 C0)
BG (EP 3,335,926 C0)
CN 101789636
CN 102918748
CN 106160269
CN 106716780
CN 106981930
CN 108233498
CN 112234720
CN 112234721
DE (EP 2,211,438)
DE (EP 2,522,128)
DE (EP 2,704,291)
DE (EP 2,950,423)
DE (EP 2,983,266)
DE (EP 3,093,949)
DE (EP 3,093,957)
DE (EP 3,267,559)
DE (EP 3,300,213)
DE (EP 3,335,926 C0)
DK (EP 3,335,926 C0)
EE (EP 3,335,926 C0)
ES (EP 2,522,128)
ES (EP 3,300,213)
ES (EP 3,335,926 C0)
FI (EP 3,335,926 C0)
FR (EP 2,522,128)
FR (EP 3,300,213)
FR (EP 3,335,926 C0)
GB (EP 2,522,128)
GB (EP 3,300,213)
GB (EP 3,335,926 C0)
IT (EP 3,335,926 C0)
JP 5,013,019
JP 5,172,050
JP 5,425,539
JP 5,635,423
JP 5,845,430
JP 5,988,146
JP 6,160,880

JP 6,362,001
JP 6,497,614
JP 6,542,964
JP 6,741,985
JP 6,945,188
JP 7,054,852
KR 1,558,311
LT (EP 3,335,926 C0)
LU (EP 3,335,926 C0)
LV (EP 3,335,926 C0)
MT (EP 3,335,926 C0)
NL (EP 3,335,926 C0)
PT (EP 3,335,926 C0)
RO (EP 3,335,926 C0)
SE (EP 3,335,926 C0)
SI (EP 3,335,926 C0)
US 8,258,653
US 8,724,277
US 8,843,095
US 9,001,922
US 9,224,533
US 9,319,494
US 9,607,757
US 9,762,091
US 9,941,048
US 9,979,235
US 10,199,880
US 10,298,070
US 10,305,327
US 10,340,744
US 10,541,565
US 10,651,658
US 11,056,919
US 11,697,351
US 11,962,163
US 12,362,600

Robert Bosch GmbH

CN 103858310
CN 103887846
CN 104937683
CN 106575885
DE (EP 2,766,973)
DE 10 2013 212 588
FR (EP 2,766,973)
FR 3,007,849
GB (EP 2,766,973)
JP 6,533,287

US 9,520,738
US 9,608,474
US 9,912,188
US 10,074,475
US 10,101,488
US 10,239,413
US 10,326,317

Siemens Corp.

CN 102596632
DE (EP 2,493,719)
DE (EP 2,836,885)
FR (EP 2,493,719)
FR (EP 2,836,885)
GB (EP 2,493,719)
GB (EP 2,836,885)
JP 5,623,536
KR 1,552,480
US 8,873,646
US 9,283,863

Expired Patents**ConvenientPower HK Limited**

DE (EP 1,547,222) - Exp. Jun 10, 2023
DE (EP 2,685,594) - Exp. Jun 10, 2023
FR (EP 1,547,222) - Exp. Jun 10, 2023
FR (EP 2,685,594) - Exp. Jun 10, 2023
GB (EP 1,547,222) - Exp. Jun 10, 2023
GB 2,389,720 - Exp. Nov 18, 2022
GB (EP 2,685,594) - Exp. Jun 10, 2023
HK 1,082,847 - Exp. Jun 10, 2023
HK 1,192,066 - Exp. Jun 10, 2023
US 7,164,255 - Exp. Jun 10, 2023
US 8,299,753 - Exp. Jun 10, 2023
US 8,519,668 - Exp. Jun 10, 2023

Koninklijke Philips N.V.

AT (EP 2,375,532) - Exp. May 11, 2025
AT (EP 2,403,100) - Exp. Jan 22, 2024
BE (EP 2,375,532) - Exp. May 11, 2025
BE (EP 2,403,100) - Exp. Jan 22, 2024
CA 2,541,462 - Exp. Jun 14, 2020
CH (EP 2,375,532) - Exp. May 11, 2025
CH (EP 2,403,100) - Exp. Jan 22, 2024
CN 100479292 - Exp. May 11, 2025
CN 100511913 - Exp. Jan 22, 2024
CN 101115343 - Exp. Jun 13, 2020
CN 101414765 - Exp. May 11, 2025
CN 101488676 - Exp. May 11, 2025
CN 101488677 - Exp. May 11, 2025
CN 101588075 - Exp. Jan 22, 2024
CZ (EP 2,375,532) - Exp. May 11, 2025
CZ (EP 2,403,100) - Exp. Jan 22, 2024
DE (EP 1,751,834) - Exp. May 11, 2025
DE (EP 2,372,863) - Exp. May 11, 2025
DE (EP 2,375,532) - Exp. May 11, 2025
DE (EP 2,403,100) - Exp. Jan 22, 2024
ES (EP 2,375,532) - Exp. May 11, 2025
ES (EP 2,403,100) - Exp. Jan 22, 2024
FI (EP 2,375,532) - Exp. May 11, 2025
FI (EP 2,403,100) - Exp. Jan 22, 2024
FR (EP 1,751,834) - Exp. May 11, 2025
FR (EP 2,375,532) - Exp. May 11, 2025
GB (EP 1,751,834) - Exp. May 11, 2025
GB (EP 2,372,863) - Exp. May 11, 2025
GB (EP 2,375,532) - Exp. May 11, 2025
GB (EP 2,403,100) - Exp. Jan 22, 2024

GB 2,414,121 - Exp. May 11, 2025
HK 1,117,699 - Exp. Jun 14, 2020
IN 246,018 - Exp. Jun 14, 2020
IT (EP 2,375,532) - Exp. May 11, 2025
IT (EP 2,403,100) - Exp. Jan 22, 2024
JP 4,440,867 - Exp. Jun 14, 2020
JP 4,673,422 - Exp. Jun 14, 2020
JP 5,069,780 - Exp. May 11, 2025
KR 482,867 - Exp. Jun 14, 2020
KR 1,179,002 - Exp. May 11, 2025
KR 1,237,105 - Exp. May 11, 2025
KR 1,276,956 - Exp. May 11, 2025
LI (EP 2,375,532) - Exp. May 11, 2025
LI (EP 2,403,100) - Exp. Jan 22, 2024
NL (EP 1,751,834) - Exp. May 11, 2025
NL (EP 2,372,863) - Exp. May 11, 2025
NL (EP 2,375,532) - Exp. May 11, 2025
NL (EP 2,403,100) - Exp. Jan 22, 2024
PL (EP 2,375,532) - Exp. May 11, 2025
SE (EP 2,375,532) - Exp. May 11, 2025
SE (EP 2,403,100) - Exp. Jan 22, 2024
TR (EP 2,375,532) - Exp. May 11, 2025
TR (EP 2,403,100) - Exp. Jan 22, 2024
US 7,385,357 - Exp. Jun 12, 2020
US 7,868,587 - Exp. May 24, 2025
US 8,035,340 - Exp. May 11, 2025
US 8,039,995 - Exp. May 11, 2025
US 8,831,513 - Exp. Jul 29, 2022
US 10,158,255 - Exp. Oct 21, 2025
US 10,804,751 - Exp. Aug 1, 2025

Navigate LLC

US 8,324,759 - Exp. Jan 6, 2025

Robert Bosch GmbH

RU 2,623,092 - Exp. Dec 31, 2023