

B1 Institute of Image Technology, INC.

AL (EP 3,975,559)	CN 114245124	FR (EP 4,510,587)
AL (EP 4,387,232)	CN 114245125	GB (EP 3,975,559)
AL (EP 4,510,586)	CN 114257809	GB (EP 4,387,232)
AT (EP 3,975,559)	CN 114531585	GB (EP 4,507,308)
AT (EP 4,387,232)	CN 114531587	GB (EP 4,510,586)
AT (EP 4,507,308)	CN 114531589	GB (EP 4,510,587)
AT (EP 4,510,586)	CN 114531591	GR (EP 3,975,559)
AT (EP 4,510,587)	CN 114531593	GR (EP 4,387,232)
AU 2021266245	CN 114554202	GR (EP 4,510,586)
AU 2022228227	CN 115767106	HK 40066004
AU 2022228228	CN 115802058	HK 40066005
AU 2022228372	CN 115802059	HK 40066006
AU 2022229691	CN 115834909	HK 40066007
AU 2023214310	CN 120956882	HK 40071040
AU 2023214311	CY (EP 3,975,559)	HK 40071404
AU 2023214313	CY (EP 4,387,232)	HK 40072997
AU 2023214314	CY (EP 4,510,586)	HK 40072998
AU 2023214315	CZ (EP 3,975,559)	HK 40073014
AU 2024202565	CZ (EP 4,387,232)	HK 40073015
AU 2024202566	CZ (EP 4,507,308)	HK 40073016
AU 2024202567	CZ (EP 4,510,586)	HK 40073017
AU 2024202568	CZ (EP 4,510,587)	HK 40074073
AU 2024202570	DE (EP 3,975,559)	HK 40074506
BE (EP 3,975,559)	DE (EP 4,387,232)	HK 40074507
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CN 114245120	FI (EP 4,510,586)	IN 429172
CN 114245123	FI (EP 4,510,587)	IN 433633
	FR (EP 3,975,559)	IN 433634
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IN 463864	LU (EP 4,510,587)	SK (EP 4,510,586)
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IN 579756	LV (EP 4,510,586)	SM (EP 4,510,586)
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JP 7,269,456	NL (EP 4,387,232)	US 11,470,251
JP 7,269,457	NL (EP 4,507,308)	US 11,528,414
JP 7,353,521	NL (EP 4,510,586)	US 11,539,881
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JP 7,353,523	NO (EP 3,975,559)	US 11,539,883
JP 7,354,398	NO (EP 4,387,232)	US 11,546,511
JP 7,413,596	NO (EP 4,507,308)	US 11,546,512
JP 7,540,109	NO (EP 4,510,586)	US 11,546,513
JP 7,540,110	NO (EP 4,510,587)	US 11,553,130
JP 7,540,111	PL (EP 3,975,559)	US 11,553,131
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JP 7,612,921	PL (EP 4,507,308)	US 11,601,677
JP 7,743,584	PL (EP 4,510,586)	US 11,606,499
JP 7,751,041	PL (EP 4,510,587)	US 11,677,926
JP 7,751,042	PT (EP 3,975,559)	US 11,696,035
JP 7,751,043	PT (EP 4,387,232)	US 11,706,531
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KR 2,801,971	PT (EP 4,510,587)	US 11,758,191
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KR 2,840,289	RO (EP 4,387,232)	US 11,778,331
KR 2,840,290	RO (EP 4,510,586)	US 11,778,332
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LT (EP 4,387,232)	SE (EP 4,510,587)	US 11,831,914
LT (EP 4,510,586)	SI (EP 3,975,559)	US 11,831,915

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US 11,831,917	VN 1-2022-00255	BR PI0809510-8
US 11,838,639	VN 1-2022-00257	BR 122018004903-0
US 11,838,640	VN 1-2022-00262	BR 122018004904-9
US 11,843,866	VN 1-2022-00263	BR 122018004906-5
US 11,863,732	VN 1-2022-01418	CH (EP 2,512,136)
US 11,936,841	VN 1-2022-01419	CH (EP 2,887,671)
US 11,949,846	VN 1-2022-01422	CH (EP 3,399,756)
US 11,949,913	VN 1-2022-01423	CH (EP 3,758,380)
US 11,962,744	VN 41821	CH (EP 3,758,381)
US 11,991,339	VN 41822	CH (EP 3,836,550)
US 11,997,391	VN 41823	CH (EP 3,920,538)
US 12,108,017	VN 41824	CN 200880011698.X
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US 12,126,787	VN 42194	CZ (EP 2,887,671)
US 12,126,912	VN 44404	CZ (EP 3,399,756)
US 12,132,880	VN 44405	CZ (EP 3,758,380)
US 12,137,289	VN 44406	CZ (EP 3,758,381)
US 12,149,672	VN 44407	CZ (EP 3,836,550)
US 12,167,037	VN 44408	CZ (EP 3,920,538)
US 12,177,482		DE (EP 2,512,135)
US 12,206,829		DE (EP 2,512,136)
US 12,219,263		DE (EP 2,887,671)
US 12,225,231	US 7,684,489	DE (EP 3,399,756)
US 12,225,232		DE (EP 3,758,380)
US 12,231,774		DE (EP 3,758,381)
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US 12,238,423		DE (EP 3,920,538)
US 12,244,930	AT (EP 2,512,136)	DK (EP 2,512,136)
US 12,250,406	AT (EP 2,887,671)	DK (EP 2,887,671)
US 12,483,794	AT (EP 3,399,756)	DK (EP 3,399,756)
US 12,489,979	AT (EP 3,758,380)	DK (EP 3,758,380)
US 12,501,167	AT (EP 3,758,381)	DK (EP 3,758,381)
US 12,513,405	AT (EP 3,836,550)	DK (EP 3,758,381)
US 12,520,046	AT (EP 3,920,538)	DK (EP 3,836,550)
US 12,556,824	AU 2008239653	DK (EP 3,920,538)
US 12,574,550	AU 2008241568	EE (EP 2,887,671)
US 12,574,551	AU 2012238296	EE (EP 3,399,756)
US 12,581,049	AU 2012238297	EE (EP 3,758,380)
US 12,581,062	AU 2012278382	EE (EP 3,758,381)
US 12,581,078	AU 2015202314	EE (EP 3,836,550)
US 12,581,079	BE (EP 2,512,136)	EE (EP 3,920,538)
US 12,587,639	BE (EP 2,887,671)	ES (EP 2,512,136)
US 12,587,647	BE (EP 3,399,756)	ES (EP 2,887,671)
US 12,603,981	BE (EP 3,758,380)	ES (EP 3,399,756)
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VN 1-2019-02282	BR PI0304568-4	ES (EP 3,920,538)
	BR PI-0408570-1	FI (EP 2,512,136)

Cisco Technology, Inc.

Dolby International AB

FI (EP 3,399,756)	JP 5,150,781	NL (EP 3,399,756)
FI (EP 3,758,380)	JP 5,324,563	NL (EP 3,758,380)
FI (EP 3,758,381)	JP 5,674,873	NL (EP 3,758,381)
FI (EP 3,836,550)	JP 6,825,155	NL (EP 3,836,550)
FI (EP 3,920,538)	JP 7,116,812	NL (EP 3,920,538)
FR (EP 2,512,135)	JP 7,357,125	NO (EP 2,887,671)
FR (EP 2,512,136)	JP 7,605,516	NO (EP 3,399,756)
FR (EP 2,887,671)	JP 7,815,403	NO (EP 3,758,380)
FR (EP 3,399,756)	KR 716,142	NO (EP 3,758,381)
FR (EP 3,758,380)	KR 1,467,601	NO (EP 3,836,550)
FR (EP 3,758,381)	KR 1,646,089	NO (EP 3,920,538)
FR (EP 3,836,550)	KR 1,766,479	PL (EP 2,512,136)
FR (EP 3,920,538)	KR 1,885,790	PL (EP 2,887,671)
GB (EP 2,512,136)	KR 1,965,781	PL (EP 3,399,756)
GB (EP 2,887,671)	KR 2,044,130	PL (EP 3,758,380)
GB (EP 3,399,756)	KR 2,123,772	PL (EP 3,758,381)
GB (EP 3,758,380)	KR 2,204,262	PL (EP 3,836,550)
GB (EP 3,758,381)	KR 2,510,010	PL (EP 3,920,538)
GB (EP 3,836,550)	KR 2,715,349	PT (EP 2,512,136)
GB (EP 3,920,538)	LI (EP 2,512,136)	PT (EP 2,887,671)
GR (EP 2,512,136)	LI (EP 2,887,671)	PT (EP 3,399,756)
HK 1,255,617	LI (EP 3,399,756)	PT (EP 3,758,380)
HK 40033548	LI (EP 3,758,380)	PT (EP 3,758,381)
HK 40033581	LI (EP 3,758,381)	PT (EP 3,836,550)
HK 40044425	LI (EP 3,836,550)	PT (EP 3,920,538)
HU (EP 2,512,136)	LI (EP 3,920,538)	RO (EP 2,512,136)
HU (EP 2,887,671)	LT (EP 2,887,671)	RO (EP 2,887,671)
HU (EP 3,399,756)	LU (EP 2,512,136)	RU 2501179
HU (EP 3,758,380)	LU (EP 2,887,671)	RU 2,521,618
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IE (EP 2,512,136)	LU (EP 3,836,550)	RU 2,721,941
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US Re. 48,035	AT (EP 4,300,974)	BG (EP 2,308,239)
US Re. 50,574	AU 2016203100	BG (EP 3,079,055)
US 10,298,948	AU 2016203103	BG (EP 3,514,677)
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VN 12809	AU 2017339463	BG (EP 3,742,715)
VN 22362	AU 2018206694	BG (EP 3,800,542)
VN 30446	AU 2019264649	BG (EP 3,800,543)
VN 44927	AU 2020230291	BG (EP 3,974,956)
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VN 45418	AU 2022201261	BG (EP 4,137,929)
VN 48260	AU 2022204421	BG (EP 4,155,898)
VN 51124	AU 2022235573	BG (EP 4,160,385)
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ZA 2009/06749	AU 2023210569	BJ (OA 19660)
ZA 2009/06982	AU 2023285711	BR 112018001465-6
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Dolby Laboratories Licensing Corporation

AE 6837
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CA 3,086,441	CN 106095352	CZ (EP 4,150,909)
CA 3,112,712	CN 106095353	CZ (EP 4,155,898)
CA 3,114,379	CN 106095354	CZ (EP 4,160,385)
CA 3,114,448	CN 106095355	CZ (EP 4,236,325)
CA 3,187,271	CN 106095356	CZ (EP 4,300,974)
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CA 3,198,226	CN 109937572	CZ (EP 4,472,203)
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DK (EP 4,472,203)	FI (EP 3,850,847)	GB (EP 4,072,137)
EE (EP 3,079,055)	FI (EP 3,974,956)	GB (EP 4,137,929)
EE (EP 3,514,677)	FI (EP 4,009,620 C0)	GB (EP 4,150,909)
EE (EP 3,523,970)	FI (EP 4,064,706)	GB (EP 4,155,898)
EE (EP 3,595,281)	FI (EP 4,072,137)	GB (EP 4,160,385)
EE (EP 3,742,715)	FI (EP 4,137,929)	GB (EP 4,236,325)
EE (EP 3,800,542)	FI (EP 4,150,909)	GB (EP 4,300,974)
EE (EP 3,800,543)	FI (EP 4,155,898)	GB (EP 4,472,202)
EE (EP 3,850,847)	FI (EP 4,160,385)	GB (EP 4,472,203)
EE (EP 3,974,956)	FI (EP 4,236,325)	GH (AP 6125)
EE (EP 4,009,620 C0)	FI (EP 4,300,974)	GH (AP 6941)
EE (EP 4,064,706)	FI (EP 4,472,202)	GH (AP 7595)
EE (EP 4,072,137)	FI (EP 4,472,203)	GH (AP 7968)
EE (EP 4,137,929)	FR (EP 2,308,239)	GH (AP 8139)
EE (EP 4,150,909)	FR (EP 2,716,028)	GM (AP 6125)
EE (EP 4,155,898)	FR (EP 3,079,055)	GM (AP 6941)
EE (EP 4,160,385)	FR (EP 3,514,677)	GM (AP 7595)
EE (EP 4,236,325)	FR (EP 3,523,970)	GM (AP 7968)
EE (EP 4,300,974)	FR (EP 3,595,281)	GM (AP 8139)
EE (EP 4,472,202)	FR (EP 3,742,715)	GN (OA 19660)
EE (EP 4,472,203)	FR (EP 3,800,542)	GQ (OA 19660)
ES (EP 2,308,239)	FR (EP 3,800,543)	GR (EP 2,308,239)
ES (EP 3,079,055)	FR (EP 3,850,847)	GR (EP 3,079,055)
ES (EP 3,514,677)	FR (EP 3,974,956)	GR (EP 3,514,677)
ES (EP 3,523,970)	FR (EP 4,009,620 C0)	GR (EP 3,523,970)
ES (EP 3,595,281)	FR (EP 4,064,706)	GR (EP 3,595,281)
ES (EP 3,742,715)	FR (EP 4,072,137)	GR (EP 3,742,715)
ES (EP 3,800,542)	FR (EP 4,137,929)	GR (EP 3,800,542)
ES (EP 3,800,543)	FR (EP 4,150,909)	GR (EP 3,800,543)
ES (EP 3,850,847)	FR (EP 4,155,898)	GR (EP 3,974,956)
ES (EP 3,974,956)	FR (EP 4,160,385)	GR (EP 4,137,929)
ES (EP 4,009,620 C0)	FR (EP 4,236,325)	GR (EP 4,155,898)
ES (EP 4,064,706)	FR (EP 4,300,974)	GR (EP 4,160,385)
ES (EP 4,072,137)	FR (EP 4,472,202)	GR (EP 4,472,202)
ES (EP 4,137,929)	FR (EP 4,472,203)	GR (EP 4,472,203)
ES (EP 4,150,909)	GA (OA 19660)	GW (OA 19660)
ES (EP 4,155,898)	GB (EP 2,308,239)	HK 1191778
ES (EP 4,160,385)	GB (EP 2,716,028)	HK 1198088
ES (EP 4,236,325)	GB (EP 3,079,055)	HK 1,220,301
ES (EP 4,300,974)	GB (EP 3,514,677)	HK 1,220,303

HK 1,220,563	HR (EP 4,300,974)	IE (EP 4,472,203)
HK 1,220,564	HR (EP 4,472,202)	IL 265,771
HK 1,221,360	HR (EP 4,472,203)	IL 277365
HK 1,221,361	HU (EP 2,308,239)	IL 280688
HK 1,222,495	HU (EP 3,079,055)	IL 287875
HK 1,227,201	HU (EP 3,514,677)	IL 289965
HK 1,227,202	HU (EP 3,523,970)	IL 295131
HK 1,227,590	HU (EP 3,595,281)	IL 296162
HK 1,229,922	HU (EP 3,742,715)	IL 304034
HK 1231191	HU (EP 3,800,542)	IL 305702
HK 1231192	HU (EP 3,800,543)	IL 310,366
HK 1231193	HU (EP 3,850,847)	IL 314816
HK 1,231,195	HU (EP 3,974,956)	IN 433544
HK 1231196	HU (EP 4,009,620 C0)	IN 490303
HK 40010357	HU (EP 4,064,706)	IN 492801
HK 40010382	HU (EP 4,072,137)	IN 541566
HK 40010573	HU (EP 4,137,929)	IN 541570
HK 40012966	HU (EP 4,150,909)	IN 541691
HK 40035149	HU (EP 4,155,898)	IN 541693
HK 40041880	HU (EP 4,160,385)	IN 550878
HK 40049320	HU (EP 4,236,325)	IN 562879
HK 40049879	HU (EP 4,300,974)	IN 576615
HK 40067049	HU (EP 4,472,202)	IS (EP 3,079,055)
HK 40069190	HU (EP 4,472,203)	IS (EP 3,514,677)
HK 40069255	ID P000090281	IS (EP 3,595,281)
HK 40069256	ID P000090285	IS (EP 3,742,715)
HK 40085735	ID P000092070	IS (EP 3,800,542)
HK 40090617	ID P000095531	IS (EP 3,800,543)
HK 40090947	ID P000102301	IS (EP 3,974,956)
HK 40091904	IE (EP 2,308,239)	IS (EP 4,137,929)
HK 40098573	IE (EP 3,079,055)	IS (EP 4,155,898)
HK 40112223	IE (EP 3,514,677)	IS (EP 4,160,385)
HR (EP 3,079,055)	IE (EP 3,523,970)	IS (EP 4,472,202)
HR (EP 3,514,677)	IE (EP 3,595,281)	IS (EP 4,472,203)
HR (EP 3,523,970)	IE (EP 3,742,715)	IT (EP 2,308,239)
HR (EP 3,595,281)	IE (EP 3,800,542)	IT (EP 2,716,028)
HR (EP 3,742,715)	IE (EP 3,800,543)	IT (EP 3,079,055)
HR (EP 3,800,542)	IE (EP 3,850,847)	IT (EP 3,514,677)
HR (EP 3,800,543)	IE (EP 3,974,956)	IT (EP 3,523,970)
HR (EP 3,850,847)	IE (EP 4,009,620 C0)	IT (EP 3,595,281)
HR (EP 3,974,956)	IE (EP 4,064,706)	IT (EP 3,742,715)
HR (EP 4,009,620 C0)	IE (EP 4,072,137)	IT (EP 3,800,542)
HR (EP 4,064,706)	IE (EP 4,137,929)	IT (EP 3,800,543)
HR (EP 4,072,137)	IE (EP 4,150,909)	IT (EP 3,850,847)
HR (EP 4,137,929)	IE (EP 4,155,898)	IT (EP 3,974,956)
HR (EP 4,150,909)	IE (EP 4,160,385)	IT (EP 4,009,620 C0)
HR (EP 4,155,898)	IE (EP 4,236,325)	IT (EP 4,064,706)
HR (EP 4,160,385)	IE (EP 4,300,974)	IT (EP 4,072,137)
HR (EP 4,236,325)	IE (EP 4,472,202)	IT (EP 4,137,929)

IT (EP 4,150,909)	KE (AP 6941)	KR 2,758,672
IT (EP 4,155,898)	KE (AP 7595)	KR 2,776,564
IT (EP 4,160,385)	KE (AP 7968)	KR 2,820,501
IT (EP 4,236,325)	KE (AP 8139)	KZ (EA 039463)
IT (EP 4,300,974)	KG (EA 039463)	KZ (EA 042523)
IT (EP 4,472,202)	KG (EA 042523)	KZ (EA 042564)
IT (EP 4,472,203)	KG (EA 042564)	KZ (EA 044734)
JP 5,406,942	KG (EA 044734)	KZ (EA 047543)
JP 5,562,408	KG (EA 047543)	KZ (EA 048261)
JP 6,180,566	KG (EA 048261)	KZ (EA 048724)
JP 6,224,052	KG (EA 048724)	KZ (EA 050028)
JP 6,366,641	KG (EA 050028)	KZ (EA 052026)
JP 6,561,098	KG (EA 052026)	LA 958
JP 6,640,929	KH /GRRP.SG/00029	LA 959
JP 6,871,366	KH /GP/00082 SG	LI (EP 2,308,239)
JP 6,905,010	KH /GP/00106 SG	LI (EP 3,079,055)
JP 7,049,419	KH /GP/00107 SG	LI (EP 3,514,677)
JP 7,087,100	KM (OA 19660)	LI (EP 3,523,970)
JP 7,091,306	KR 1,405,019	LI (EP 3,595,281)
JP 7,145,290	KR 1,405,032	LI (EP 3,742,715)
JP 7,246,542	KR 1,768,435	LI (EP 3,800,542)
JP 7,275,345	KR 1,812,469	LI (EP 3,800,543)
JP 7,353,520	KR 1,865,543	LI (EP 3,850,847)
JP 7,411,727	KR 2,105,317	LI (EP 3,974,956)
JP 7,421,674	KR 2,141,193	LI (EP 4,009,620 C0)
JP 7,422,832	KR 2,188,460	LI (EP 4,064,706)
JP 7,422,833	KR 2,197,273	LI (EP 4,072,137)
JP 7,559,171	KR 2,197,647	LI (EP 4,137,929)
JP 7,568,182	KR 2,222,476	LI (EP 4,150,909)
JP 7,602,572	KR 2,245,919	LI (EP 4,155,898)
JP 7,603,133	KR 2,284,891	LI (EP 4,160,385)
JP 7,612,061	KR 2,304,448	LI (EP 4,236,325)
JP 7,612,062	KR 2,311,046	LI (EP 4,300,974)
JP 7,647,005	KR 2,332,475	LI (EP 4,472,202)
JP 7,659,039	KR 2,377,426	LI (EP 4,472,203)
JP 7,688,217	KR 2,380,163	LR (AP 6125)
JP 7,699,279	KR 2,385,015	LR (AP 6941)
JP 7,699,280	KR 2,433,239	LR (AP 7595)
JP 7,702,558	KR 2,502,747	LR (AP 7968)
JP 7,707,397	KR 2,526,108	LR (AP 8139)
JP 7,717,247	KR 2,553,977	LS (AP 6125)
JP 7,717,248	KR 2,602,528	LS (AP 6941)
JP 7,747,859	KR 2,655,945	LS (AP 7595)
JP 7,747,860	KR 2,656,330	LS (AP 7968)
JP 7,781,252	KR 2,672,149	LS (AP 8139)
JP 7,824,457	KR 2,717,224	LT (EP 2,308,239)
JP 7,824,458	KR 2,717,738	LT (EP 3,079,055)
JP 7,838,157	KR 2,753,389	LT (EP 3,514,677)
KE (AP 6125)	KR 2,758,666	LT (EP 3,595,281)

LT (EP 3,742,715)	MW (AP 7968)	NL (EP 4,155,898)
LT (EP 4,009,620 C0)	MW (AP 8139)	NL (EP 4,160,385)
LU (EP 3,079,055)	MX 342,823	NL (EP 4,236,325)
LU (EP 3,514,677)	MX 365,964	NL (EP 4,300,974)
LU (EP 3,523,970)	MX 365,965	NL (EP 4,472,202)
LU (EP 3,595,281)	MX 371,677	NL (EP 4,472,203)
LU (EP 3,742,715)	MX 380258	NO (EP 2,308,239)
LU (EP 3,850,847)	MX 388842	NO (EP 3,079,055)
LU (EP 4,009,620 C0)	MX 406720	NO (EP 3,514,677)
LU (EP 4,064,706)	MX 407173	NO (EP 3,523,970)
LU (EP 4,072,137)	MX 411618	NO (EP 3,595,281)
LU (EP 4,150,909)	MX 413083	NO (EP 3,742,715)
LU (EP 4,236,325)	MY 193501-A	NO (EP 3,800,542)
LU (EP 4,300,974)	MY 198864-A	NO (EP 3,800,543)
LV (EP 3,079,055)	MY 201472-A	NO (EP 3,850,847)
LV (EP 3,514,677)	MY 203733-A	NO (EP 3,974,956)
LV (EP 3,595,281)	MY 203888-A	NO (EP 4,009,620 C0)
LV (EP 3,742,715)	MZ (AP 6125)	NO (EP 4,064,706)
LV (EP 4,009,620 C0)	MZ (AP 6941)	NO (EP 4,072,137)
MC (EP 3,079,055)	MZ (AP 7595)	NO (EP 4,137,929)
MC (EP 3,514,677)	MZ (AP 7968)	NO (EP 4,150,909)
MC (EP 3,523,970)	MZ (AP 8139)	NO (EP 4,155,898)
MC (EP 3,595,281)	NA (AP 6125)	NO (EP 4,160,385)
MC (EP 3,742,715)	NA (AP 6941)	NO (EP 4,236,325)
MK (EP 3,079,055)	NA (AP 7595)	NO (EP 4,300,974)
MK (EP 3,514,677)	NA (AP 7968)	NO (EP 4,472,202)
MK (EP 3,595,281)	NA (AP 8139)	NO (EP 4,472,203)
MK (EP 3,742,715)	NE (OA 19660)	OM 00506
ML (OA 19660)	NG/PT/C/2020/4909	PH 1/2019/500718
MO J/002075	NG/PT/PCT/2021/5867	PH 12020551511
MO J/003489	NG F/P/2022/153	PL (EP 2,308,239)
MO J/003619	NG F/P/2022/154	PL (EP 3,079,055)
MO J/004098	NG F/P/2022/156	PL (EP 3,514,677)
MO J/006352	NG F/P/2022/159	PL (EP 3,523,970)
MO J/007454	NL (EP 2,308,239)	PL (EP 3,595,281)
MO J/008156	NL (EP 3,079,055)	PL (EP 3,742,715)
MO J/008982	NL (EP 3,514,677)	PL (EP 3,800,542)
MO J/009006	NL (EP 3,523,970)	PL (EP 3,800,543)
MO J/009007	NL (EP 3,595,281)	PL (EP 3,850,847)
MO J/009008	NL (EP 3,742,715)	PL (EP 3,974,956)
MR (OA 19660)	NL (EP 3,800,542)	PL (EP 4,009,620 C0)
MT (EP 3,079,055)	NL (EP 3,800,543)	PL (EP 4,064,706)
MT (EP 3,514,677)	NL (EP 3,850,847)	PL (EP 4,072,137)
MT (EP 3,595,281)	NL (EP 3,974,956)	PL (EP 4,137,929)
MT (EP 3,742,715)	NL (EP 4,009,620 C0)	PL (EP 4,150,909)
MT (EP 4,009,620 C0)	NL (EP 4,064,706)	PL (EP 4,155,898)
MW (AP 6125)	NL (EP 4,072,137)	PL (EP 4,160,385)
MW (AP 6941)	NL (EP 4,137,929)	PL (EP 4,236,325)
MW (AP 7595)	NL (EP 4,150,909)	PL (EP 4,300,974)

PL (EP 4,472,202)	RU (EA 039463)	SE (EP 4,472,202)
PL (EP 4,472,203)	RU (EA 042523)	SE (EP 4,472,203)
PT (EP 2,308,239)	RU (EA 042564)	SG 10201604112P
PT (EP 3,079,055)	RU (EA 044734)	SG 10201604130U
PT (EP 3,514,677)	RU (EA 047543)	SG 10201607838P
PT (EP 3,523,970)	RU (EA 048261)	SG 10202102102T
PT (EP 3,595,281)	RU (EA 048724)	SG 10202300347X
PT (EP 3,742,715)	RU (EA 050028)	SG 10202400240V
PT (EP 3,800,542)	RU (EA 052026)	SG 10202400241Q
PT (EP 3,800,543)	RU 2,665,211	SG 10202401555W
PT (EP 3,850,847)	RU 2,711,102	SG 11201902914S
PT (EP 3,974,956)	RU 2,728,845	SI (EP 3,079,055)
PT (EP 4,009,620 C0)	RU 2,736,103	SI (EP 3,514,677)
PT (EP 4,064,706)	RU 2,762,384	SI (EP 3,595,281)
PT (EP 4,072,137)	RU 2,772,241	SI (EP 3,742,715)
PT (EP 4,137,929)	RU 2,855,764	SI (EP 4,009,620 C0)
PT (EP 4,150,909)	RW (AP 6125)	SK (EP 2,308,239)
PT (EP 4,155,898)	RW (AP 6941)	SK (EP 3,079,055)
PT (EP 4,160,385)	RW (AP 7595)	SK (EP 3,514,677)
PT (EP 4,236,325)	RW (AP 7968)	SK (EP 3,523,970)
PT (EP 4,300,974)	RW (AP 8139)	SK (EP 3,595,281)
PT (EP 4,472,202)	SA 20224	SK (EP 3,742,715)
PT (EP 4,472,203)	SA 20365	SK (EP 3,850,847)
RO (EP 2,308,239)	SA 20815	SK (EP 4,009,620 C0)
RO (EP 3,079,055)	SA 22946	SK (EP 4,064,706)
RO (EP 3,514,677)	SD (AP 6125)	SK (EP 4,072,137)
RO (EP 3,595,281)	SD (AP 6941)	SK (EP 4,150,909)
RO (EP 3,742,715)	SD (AP 7595)	SK (EP 4,236,325)
RO (EP 3,800,542)	SD (AP 7968)	SK (EP 4,300,974)
RO (EP 3,800,543)	SD (AP 8139)	SL (AP 6125)
RO (EP 3,974,956)	SE (EP 2,308,239)	SL (AP 6941)
RO (EP 4,009,620 C0)	SE (EP 3,079,055)	SL (AP 7595)
RO (EP 4,137,929)	SE (EP 3,514,677)	SL (AP 7968)
RO (EP 4,155,898)	SE (EP 3,523,970)	SL (AP 8139)
RO (EP 4,160,385)	SE (EP 3,595,281)	SM (EP 3,079,055)
RO (EP 4,472,202)	SE (EP 3,742,715)	SM (EP 3,514,677)
RO (EP 4,472,203)	SE (EP 3,800,542)	SM (EP 3,595,281)
RS (EP 3,079,055)	SE (EP 3,800,543)	SM (EP 3,742,715)
RS (EP 3,514,677)	SE (EP 3,850,847)	SN (OA 19660)
RS (EP 3,595,281)	SE (EP 3,974,956)	ST (AP 6125)
RS (EP 3,742,715)	SE (EP 4,009,620 C0)	ST (AP 6941)
RS (EP 3,800,542)	SE (EP 4,064,706)	ST (AP 7595)
RS (EP 3,800,543)	SE (EP 4,072,137)	ST (AP 7968)
RS (EP 3,974,956)	SE (EP 4,137,929)	ST (AP 8139)
RS (EP 4,137,929)	SE (EP 4,150,909)	SZ (AP 6125)
RS (EP 4,155,898)	SE (EP 4,155,898)	SZ (AP 6941)
RS (EP 4,160,385)	SE (EP 4,160,385)	SZ (AP 7595)
RS (EP 4,472,202)	SE (EP 4,236,325)	SZ (AP 7968)
RS (EP 4,472,203)	SE (EP 4,300,974)	SZ (AP 8139)

TD (OA 19660)	UA 124806	US 10,432,958
TG (OA 19660)	UA 128323	US 10,504,205 - Exp. May 1, 2026
TH 88077	UA 129191	US 10,609,413
TJ (EA 039463)	UA 129781	US 10,621,952
TJ (EA 042523)	UG (AP 6125)	US 10,701,397
TJ (EA 042564)	UG (AP 6941)	US 10,721,453
TJ (EA 044734)	UG (AP 7595)	US 10,764,596
TJ (EA 047543)	UG (AP 7968)	US 10,779,008
TJ (EA 048261)	UG (AP 8139)	US 10,957,283
TJ (EA 048724)	US 7,742,655 - Exp. Jul 28, 2026	US 10,999,585
TJ (EA 050028)	US 7,894,530	US 11,025,961
TJ (EA 052026)	US 7,899,113	US 11,190,749
TM (EA 039463)	US 8,150,206	US 11,218,709
TM (EA 042523)	US 8,228,986 - Exp. May 25, 2026	US 11,284,110
TM (EA 042564)	US 8,233,538 - Exp. Jun 1, 2026	US 11,323,728
TM (EA 044734)	US 8,279,927 - Exp. Jul 6, 2026	US 11,477,480
TM (EA 047543)	US 8,331,450	US 11,523,127
TM (EA 048261)	US 8,374,237	US 11,570,480
TM (EA 048724)	US 8,761,251	US 11,582,472
TM (EA 050028)	US 8,780,998	US 11,587,529
TM (EA 052026)	US 9,025,670	US 11,595,693
TR (EP 2,308,239)	US 9,185,384	US 11,600,244
TR (EP 2,716,028)	US 9,219,923	US 11,622,130
TR (EP 3,079,055)	US 9,232,235	US 11,677,982
TR (EP 3,514,677)	US 9,288,499	US 11,736,703
TR (EP 3,523,970)	US 9,420,311	US 11,785,263
TR (EP 3,595,281)	US 9,445,116	US 11,792,428
TR (EP 3,742,715)	US 9,521,419	US 11,792,429
TR (EP 3,800,542)	US 9,685,139	US 11,818,372
TR (EP 3,800,543)	US 9,697,799	US 11,871,015
TR (EP 3,850,847)	US 9,706,217	US 11,887,560
TR (EP 3,974,956)	US 9,712,801	US 11,910,025
TR (EP 4,009,620 C0)	US 9,774,882	US 11,917,171
TR (EP 4,064,706)	US 9,838,705	US 11,924,477
TR (EP 4,072,137)	US 9,843,785	US 11,936,888
TR (EP 4,137,929)	US 9,912,931	US 11,973,980
TR (EP 4,150,909)	US 9,959,837	US 11,979,588
TR (EP 4,155,898)	US 9,973,771	US 11,979,589
TR (EP 4,160,385)	US 9,986,254	US 11,979,615
TR (EP 4,236,325)	US 9,992,476	US 12,003,741
TR (EP 4,300,974)	US 10,038,891	US 12,015,793
TR (EP 4,472,202)	US 10,038,916	US 12,028,555
TR (EP 4,472,203)	US 10,129,557	US 12,034,972
TW I756146	US 10,136,118	US 12,041,275
TZ (AP 6125)	US 10,194,172	US 12,058,371
TZ (AP 6941)	US 10,264,235	US 12,058,372
TZ (AP 7595)	US 10,362,334	US 12,075,098
TZ (AP 7968)	US 10,382,788	US 12,081,778
TZ (AP 8139)	US 10,419,739	US 12,081,797

US 12,096,029	ZM (AP 8139)	CA 3,193,126
US 12,096,038	ZW (AP 6125)	CA 3,197,905
US 12,108,060	ZW (AP 6941)	CH (EP 3,414,907 C0)
US 12,108,061	ZW (AP 7595)	CL 71,581
US 12,108,086	ZW (AP 7968)	CN 102547277
US 12,114,021	ZW (AP 8139)	CN 109076247
US 12,120,357		CN 110089118B
US 12,120,358		CN 113347439B
US 12,167,048	<u>Electronics and Telecommunications Research Institute</u>	CN 113347440B
US 12,177,488		CN 113347441B
US 12,200,271		CN 113347442B
US 12,206,908	US 9,154,786	CN 113347443B
US 12,217,724		CN 113347444B
US 12,231,660	<u>Electronics and Telecommunications Research Institute and Korea Advanced Institute of Science and Technology (KAIST)</u>	CN 113347445
US 12,328,438		CN 113347446B
US 12,335,500		CN 113347447B
US 12,348,740		CN 114928733
US 12,348,781		CN 114928734
US 12,355,993		CN 114928735
US 12,356,018	US 8,184,153	CN 114928736
US 12,363,326		CN 114928737
US 12,368,899	<u>Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.</u>	CN 115037916
US 12,375,732		CN 115037918
US 12,418,666		CN 115037919
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US 12,519,977	AT (EP 3,414,907 C0)	CN 116847071
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VN 51042	AU 2023204186	CZ (EP 2,123,052)
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HU (EP 2,123,052)	KR 1,190,227	MX 410,086
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IE (EP 3,414,907 C0)	KR 2,256,855	MX 411624
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IN 553133	KR 2,331,887	NL (EP 2,123,052)
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IN 559428	KR 2,373,013	NO (EP 3,414,907 C0)
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JP 7,152,574	KR 2,511,319	SK (EP 3,414,907 C0)
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CN 200710154283.5 - Exp. Aug 28, 2023	DE (EP 1,450,565) - Exp. Apr 16, 2023	DE (EP 2,919,465) - Exp. Aug 28, 2023
CN 200710180943.7 - Exp. Sep 21, 2023	DE (EP 1,452,039) - Exp. Nov 29, 2022	DE (EP 2,928,185) - Exp. Jul 22, 2023
CN 200810083409.9 - Exp. Apr 15, 2023	DE (EP 1,478,188) - Exp. Mar 27, 2023	DE (EP 2,938,071) - Exp. Nov 29, 2022
CN 200810109473.X - Exp. Sep 3, 2023	DE (EP 1,496,706) - Exp. Apr 10, 2023	DE (EP 3,096,515) - Exp. Apr 10, 2023
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CN 200810170022.7 - Exp. Apr 10, 2023	DE (EP 1,562,385) - Exp. Oct 6, 2023	DE (EP 3,099,067) - Exp. Nov 22, 2022
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CN 201010155082.9 - Exp. Jul 21, 2023	DE (EP 1,742,481) - Exp. Apr 16, 2023	DE (EP 3,349,461) - Exp. Aug 28, 2023
CY (EP 2131593) - Exp. Mar 27, 2023	DE (EP 1,742,482) - Exp. Apr 16, 2023	DE (EP 3,515,071) - Exp. Apr 16, 2023
CY (EP 2,254,341) - Exp. Mar 27, 2023	DE (EP 1,742,483) - Exp. Apr 16, 2023	DE (EP 3,515,072) - Exp. Apr 16, 2023
CZ (EP 1,413,139) - Exp. Nov 22, 2022	DE (EP 1,742,484) - Exp. Apr 16, 2023	DK (EP 1,413,139) - Exp. Nov 22, 2022
CZ (EP 1,478,188) - Exp. Mar 27, 2023	DE (EP 1,744,562) - Exp. Mar 27, 2023	DK (EP 1,478,188) - Exp. Mar 27, 2023
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CZ (EP 1,744,562) - Exp. Mar 27, 2023	DE (EP 1,765,018) - Exp. Jan 31, 2023	DK (EP 1,742,484) - Exp. Apr 16, 2023
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CZ (EP 2131593) - Exp. Mar 27, 2023	DE (EP 1,909,505) - Exp. Aug 28, 2023	DK (EP 1,746,841) - Exp. Mar 27, 2023
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CZ (EP 2,928,185) - Exp. Jul 22, 2023	DE (EP 2,254,341) - Exp. Mar 27, 2023	DK (EP 3,096,515) - Exp. Apr 10, 2023
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CZ (EP 3,096,515) - Exp. Apr 10, 2023	DE (EP 2,257,071) - Exp. Nov 6, 2017	EE (EP 2,239,948) - Exp. Mar 27, 2023
CZ (EP 3,099,066) - Exp. Nov 22, 2022	DE (EP 2,268,033) - Exp. Nov 22, 2022	EE (EP 2,254,340) - Exp. Mar 27, 2023
CZ (EP 3,099,067) - Exp. Nov 22, 2022	DE (EP 2,268,034) - Exp. Nov 22, 2022	EE (EP 2,254,341) - Exp. Mar 27, 2023
CZ (EP 3,099,068) - Exp. Nov 22, 2022	DE (EP 2,293,577) - Exp. Mar 27, 2023	EE (EP 2,824,927) - Exp. Jul 22, 2023
CZ (EP 3,282,699) - Exp. Nov 29, 2022	DE (EP 2,320,659) - Exp. Jul 22, 2023	EE (EP 2,824,928) - Exp. Jul 22, 2023
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CZ (EP 3,515,072) - Exp. Apr 16, 2023	DE (EP 2,765,707) - Exp. Apr 16, 2023	EE (EP 2,919,390) - Exp. Apr 16, 2023
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DE (EP 1,413,139) - Exp. Nov 22, 2022	DE (EP 2,824,927) - Exp. Jul 22, 2023	EE (EP 2,938,071) - Exp. Nov 29, 2022
DE (EP 1,424,856) - Exp. Apr 16, 2023	DE (EP 2,824,928) - Exp. Jul 22, 2023	EE (EP 3,096,515) - Exp. Apr 10, 2023
	DE (EP 2,903,272) - Exp. Jul 22, 2023	EE (EP 3,099,066) - Exp. Nov 22, 2022
	DE (EP 2,903,277) - Exp. Jul 22, 2023	EE (EP 3,099,067) - Exp. Nov 22, 2022
	DE (EP 2,903,278) - Exp. Jul 22, 2023	EE (EP 3,099,068) - Exp. Nov 22, 2022
		EE (EP 3,145,186) - Exp. Oct 6, 2023

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EE (EP 3,285,486) - Exp. Jul 22, 2023	ES (EP 2,903,277) - Exp. Jul 22, 2023	FR (EP 1,742,482) - Exp. Apr 16, 2023
EE (EP 3,288,261) - Exp. Jul 22, 2023	ES (EP 2,903,278) - Exp. Jul 22, 2023	FR (EP 1,742,483) - Exp. Apr 16, 2023
EE (EP 3,349,447) - Exp. Jul 22, 2023	ES (EP 2,919,390) - Exp. Apr 16, 2023	FR (EP 1,742,484) - Exp. Apr 16, 2023
EE (EP 3,349,461) - Exp. Aug 28, 2023	ES (EP 2,928,185) - Exp. Jul 22, 2023	FR (EP 1,744,562) - Exp. Mar 27, 2023
EE (EP 3,515,071) - Exp. Apr 16, 2023	ES (EP 2,938,071) - Exp. Nov 29, 2022	FR (EP 1,746,841) - Exp. Mar 27, 2023
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ES (EP 1,450,565) - Exp. Apr 16, 2023	ES (EP 3,282,699) - Exp. Nov 29, 2022	FR (EP 1,965,590) - Exp. Apr 16, 2023
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ES (EP 1,478,188) - Exp. Mar 27, 2023	ES (EP 3,288,261) - Exp. Jul 22, 2023	FR (EP 2,117,236) - Exp. Apr 16, 2023
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ES (EP 1,596,608) - Exp. Mar 27, 2023	FI (EP 1,478,188) - Exp. Mar 27, 2023	FR (EP 2,249,579) - Exp. Aug 28, 2023
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ES (EP 1,965,590) - Exp. Apr 16, 2023	FI (EP 2,752,994) - Exp. Apr 16, 2023	FR (EP 2,824,928) - Exp. Jul 22, 2023
ES (EP 1978747) - Exp. Nov 29, 2022	FI (EP 2,765,707) - Exp. Apr 16, 2023	FR (EP 2,903,272) - Exp. Jul 22, 2023
ES (EP 2,117,236) - Exp. Apr 16, 2023	FI (EP 3,096,515) - Exp. Apr 10, 2023	FR (EP 2,903,277) - Exp. Jul 22, 2023
ES (EP 2131593) - Exp. Mar 27, 2023	FR (EP 1,401,213) - Exp. Apr 16, 2023	FR (EP 2,903,278) - Exp. Jul 22, 2023
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ES (EP 2,254,340) - Exp. Mar 27, 2023	FR (EP 1,450,565) - Exp. Apr 16, 2023	FR (EP 2,938,071) - Exp. Nov 29, 2022
ES (EP 2,254,341) - Exp. Mar 27, 2023	FR (EP 1,452,039) - Exp. Nov 29, 2022	FR (EP 3,096,515) - Exp. Apr 10, 2023
ES (EP 2,268,033) - Exp. Nov 22, 2022	FR (EP 1,478,188) - Exp. Mar 27, 2023	FR (EP 3,099,066) - Exp. Nov 22, 2022
ES (EP 2,268,034) - Exp. Nov 22, 2022	FR (EP 1,496,706) - Exp. Apr 10, 2023	FR (EP 3,099,067) - Exp. Nov 22, 2022
ES (EP 2,293,577) - Exp. Mar 27, 2023	FR (EP 1530374 B1) - Exp. Jul 22, 2023	FR (EP 3,099,068) - Exp. Nov 22, 2022
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ES (EP 2,765,707) - Exp. Apr 16, 2023	FR (EP 1,569,460) - Exp. Aug 28, 2023	FR (EP 3,285,486) - Exp. Jul 22, 2023
ES (EP 2,793,473) - Exp. Oct 6, 2023	FR (EP 1,596,608) - Exp. Mar 27, 2023	FR (EP 3,288,261) - Exp. Jul 22, 2023
ES (EP 2,824,927) - Exp. Jul 22, 2023	FR (EP 1,739,972) - Exp. Apr 16, 2023	FR (EP 3,349,461) - Exp. Aug 28, 2023
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GB (EP 2,117,236) - Exp. Apr 16, 2023	GR (EP 2,320,659) - Exp. Jul 22, 2023	IE (EP 1,478,188) - Exp. Mar 27, 2023
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 US 6,658,152 - Exp. Nov 5, 2017
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 US 6,954,157 - Exp. Nov 21, 2022
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 US 7,956,774 - Exp. Nov 21, 2022
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 US 7,995,651 - Exp. Oct 26, 2023
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 CA 2,738,322 - Exp. Nov 21, 2022
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 CA 2,738,339 - Exp. Nov 21, 2022
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 MX 283,722 - Exp. Nov 21, 2022
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 MX 283,814 - Exp. Nov 21, 2022
 NL (EP 1,449,385) - Exp. Nov 21, 2022
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 US 7,162,094 - Exp. May 20, 2024
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US 7,421,025 - Exp. Nov 19, 2022
 US 7,477,690 - Exp. Nov 19, 2022
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 US 7,660,353 - Exp. Oct 24, 2025
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 CA 2,036,585 - Exp. Feb 19, 2011
 CA 2,043,670 - Exp. May 31, 2011
 CA 2,304,917 - Exp. Jun 1, 2010
 CN 100375520 - Exp. Aug 22, 2022
 CN 100380983 - Exp. Jul 18, 2022
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 DK (EP 443,676) - Exp. Feb 18, 2011
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 US 5,021,879 - Exp. Jun 3, 2008
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 CN 200480002888.7 - Exp. Mar 2, 2024
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KR 505,319 - Exp. Jun 15, 2021	KR 881,570 - Exp. Mar 3, 2023	LI (EP 3,026,914) - Exp. Mar 3, 2024
KR 505,320 - Exp. Jun 15, 2021	KR 881,571 - Exp. Mar 3, 2023	LI (EP 3,054,687) - Exp. Mar 3, 2024
KR 506,864 - Exp. Nov 15, 2022	KR 883,025 - Exp. Nov 15, 2022	LI (EP 3,054,688) - Exp. Mar 3, 2024
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GB (EP 3,355,584) - Exp. Sep 26, 2023	MC (EP 2,271,114) - Exp. Sep 22, 2023	TW I 244,856 - Exp. Jul 6, 2023
GR (EP 1,504,408) - Exp. Apr 23, 2023	NL (EP 1,504,408) - Exp. Apr 23, 2023	US 6,825,782 - Exp. Sep 17, 2023
GR (EP 1,540,962) - Exp. Sep 19, 2023	NL (EP 2,268,035) - Exp. Sep 26, 2023	US 6,850,175 - Exp. Sep 17, 2023
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GR (EP 3,079,261) - Exp. Sep 19, 2023	NL (EP 3,200,462) - Exp. Sep 26, 2023	US 7,190,289 - Exp. Apr 24, 2023
IE (EP 1,504,408) - Exp. Apr 23, 2023	NL (EP 3,355,584) - Exp. Sep 26, 2023	US 7,298,303 - Exp. Apr 24, 2023
IE (EP 2,268,035) - Exp. Sep 26, 2023	NO (EP 3,200,462) - Exp. Sep 26, 2023	US 7,324,593 - Exp. Jan 31, 2026
IE (EP 2,271,114) - Exp. Sep 22, 2023	PL (EP 3,200,462) - Exp. Sep 26, 2023	US 7,346,216 - Exp. Oct 8, 2025
IT (EP 1,408,698) - Exp. Sep 22, 2023	PT (EP 1,408,698) - Exp. Sep 22, 2023	US 7,813,574 - Exp. Sep 23, 2023
IT (EP 1,434,444) - Exp. Nov 24, 2023	PT (EP 1,504,408) - Exp. Apr 23, 2023	US 7,822,283 - Exp. Jul 11, 2025
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 EE (EP 3,122,045) - Exp. Nov 6, 2022

EE (EP 3,122,046) - Exp. Nov 6, 2022	ES (EP 2271109) - Exp. Feb 26, 2023	FI (EP 2271107) - Exp. Feb 26, 2023
EE (EP 3,122,047) - Exp. Nov 6, 2022	ES (EP 2,271,110) - Exp. Nov 6, 2022	FI (EP 2271108) - Exp. Feb 26, 2023
EE (EP 3,240,196) - Exp. Aug 13, 2022	ES (EP 2,271,111) - Exp. Nov 6, 2022	FI (EP 2271109) - Exp. Feb 26, 2023
EE (EP 3,253,056) - Exp. Feb 26, 2023	ES (EP 2,273,793 B1) - Exp. Jan 8, 2023	FI (EP 2,271,110) - Exp. Nov 6, 2022
EE (EP 3,253,057) - Exp. Feb 26, 2023	ES (EP 2,273,794) - Exp. Jan 8, 2023	FI (EP 2,271,111) - Exp. Nov 6, 2022
EE (EP 3,310,045) - Exp. Nov 6, 2022	ES (EP 2,273,795) - Exp. Jan 8, 2023	FI (EP 2,273,793 B1) - Exp. Jan 8, 2023
EE (EP 3,310,049) - Exp. Nov 6, 2022	ES (EP 2,278,816) - Exp. Jul 7, 2023	FI (EP 2,273,794) - Exp. Jan 8, 2023
EE (EP 3,310,050) - Exp. Nov 6, 2022	ES (EP 2,293,581) - Exp. Jan 8, 2023	FI (EP 2,273,795) - Exp. Jan 8, 2023
EE (EP 3,310,051) - Exp. Nov 6, 2022	ES (EP 2,384,002) - Exp. Jan 26, 2025	FI (EP 2,278,816) - Exp. Jul 7, 2023
EE (EP 3,324,623) - Exp. Apr 16, 2023	ES (EP 2391019) - Exp. Mar 13, 2023	FI (EP 2,293,581) - Exp. Jan 8, 2023
EE (EP 3,324,624) - Exp. Apr 16, 2023	ES (EP 2765708) - Exp. Mar 13, 2023	FI (EP 2391019) - Exp. Mar 13, 2023
EE (EP 3,324,625) - Exp. Apr 16, 2023	ES (EP 2,804,325) - Exp. Aug 13, 2022	FI (EP 2765708) - Exp. Mar 13, 2023
EE (EP 3,324,626) - Exp. Apr 16, 2023	ES (EP 3,051,814) - Exp. Feb 26, 2023	FI (EP 3,051,814) - Exp. Feb 26, 2023
EE (EP 3,490,154) - Exp. Aug 13, 2022	ES (EP 3,054,679) - Exp. Feb 26, 2023	FI (EP 3,054,679) - Exp. Feb 26, 2023
EE (EP 3,490,155) - Exp. Aug 13, 2022	ES (EP 3,054,680) - Exp. Apr 16, 2023	FR (EP 0,909,099) - Exp. Sep 15, 2018
EE (EP 3,490,156) - Exp. Aug 13, 2022	ES (EP 3,054,681) - Exp. Apr 16, 2023	FR (EP 914,008) - Exp. Oct 26, 2018
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EE (EP 3,525,465) - Exp. Apr 16, 2023	ES (EP 3,094,088) - Exp. Nov 6, 2022	FR (EP 1,117,258) - Exp. Oct 26, 2018
EE (EP 3,525,466 B1) - Exp. Apr 16, 2023	ES (EP 3,098,969) - Exp. Mar 13, 2023	FR (EP 1,117,259) - Exp. Oct 26, 2018
EE (EP 3,525,467) - Exp. Apr 16, 2023	ES (EP 3,122,045) - Exp. Nov 6, 2022	FR (EP 1,387,585) - Exp. Sep 11, 2022
ES (EP 914,008) - Exp. Oct 26, 2018	ES (EP 3,122,046) - Exp. Nov 6, 2022	FR (EP 1406450) - Exp. Feb 26, 2023
ES (EP 1,113,673) - Exp. Feb 5, 2018	ES (EP 3,122,047) - Exp. Nov 6, 2022	FR (EP 1,406,451) - Exp. Jul 7, 2023
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ES (EP 1,445,960) - Exp. Nov 6, 2022	ES (EP 3,490,154) - Exp. Aug 13, 2022	FR (EP 2,009,923) - Exp. Nov 6, 2022
ES (EP 1,515,567) - Exp. Sep 11, 2022	ES (EP 3,490,155) - Exp. Aug 13, 2022	FR (EP 2,249,570) - Exp. Jan 8, 2023
ES (EP 1,709,801) - Exp. Jan 26, 2025	ES (EP 3,490,156) - Exp. Aug 13, 2022	FR (EP 2,249,573) - Exp. Jan 8, 2023
ES (EP 1,742,479) - Exp. Jul 7, 2023	FI (EP 1,387,585) - Exp. Sep 11, 2022	FR (EP 2,249,574) - Exp. Jan 8, 2023
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ES (EP 2,249,573) - Exp. Jan 8, 2023	FI (EP 1,445,869) - Exp. Mar 13, 2023	FR (EP 2,249,578) - Exp. Jan 8, 2023
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ES (EP 2271106) - Exp. Apr 16, 2023	FI (EP 2,249,576) - Exp. Jan 8, 2023	FR (EP 2,271,111) - Exp. Nov 6, 2022
ES (EP 2271107) - Exp. Feb 26, 2023	FI (EP 2,249,577) - Exp. Jan 8, 2023	FR (EP 2,273,793 B1) - Exp. Jan 8, 2023
ES (EP 2271108) - Exp. Feb 26, 2023	FI (EP 2,249,578) - Exp. Jan 8, 2023	FR (EP 2,273,794) - Exp. Jan 8, 2023

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HU (EP 3,490,154) - Exp. Aug 13, 2022	IE (EP 3,051,814) - Exp. Feb 26, 2023	IT (EP 2,249,570) - Exp. Jan 8, 2023
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ID 20,478 - Exp. Jan 8, 2023	IN 248159 - Exp. Jan 8, 2023	IT (EP 2271108) - Exp. Feb 26, 2023
ID 21,001 - Exp. Jul 7, 2023	IN 252037 - Exp. Apr 16, 2023	IT (EP 2271109) - Exp. Feb 26, 2023
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ID 22337 - Exp. Sep 11, 2022	IN 254220 - Exp. Feb 26, 2023	IT (EP 2,271,111) - Exp. Nov 6, 2022
ID 22395 - Exp. Feb 17, 2024	IN 256815 - Exp. Jul 6, 2023	IT (EP 2,273,793 B1) - Exp. Jan 8, 2023
ID 23245 - Exp. Apr 27, 2023	IN 256817 - Exp. Jul 6, 2023	IT (EP 2,273,794) - Exp. Jan 8, 2023
ID 23269 - Exp. Feb 25, 2023	IN 256819 - Exp. Jul 6, 2023	IT (EP 2,273,795) - Exp. Jan 8, 2023
ID 24650 - Exp. Sep 11, 2022	IN 257432 - Exp. Apr 28, 2023	IT (EP 2,278,816) - Exp. Jul 7, 2023
ID 24705 - Exp. Sep 11, 2022	IN 258289 - Exp. Mar 13, 2023	IT (EP 2,293,581) - Exp. Jan 8, 2023
ID 26844 - Exp. Apr 15, 2023	IN 264,149 - Exp. Feb 26, 2023	IT (EP 2,384,002) - Exp. Jan 26, 2025
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IE (EP 2,249,574) - Exp. Jan 8, 2023	IT (EP 914,008) - Exp. Oct 26, 2018	IT (EP 3,310,049) - Exp. Nov 6, 2022
IE (EP 2,249,575) - Exp. Jan 8, 2023	IT (EP 1,113,673) - Exp. Feb 5, 2018	IT (EP 3,310,050) - Exp. Nov 6, 2022
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AVC Addendum of Patents of Terminated Licensors

Addendum of Patents of Terminated Licensors

The following listed patents were contributed to the AVC Patent Portfolio by an entity that has since terminated as a Licensor. For as long as they continue to be a Licensee, those Licensees with a license in effect prior to the date of such Licensor's termination retain their license to such Licensor's AVC Patent Portfolio patents (including those listed below) that the Licensor or its Affiliates presently or in the future has the right to license or sublicense (without payment to any third party which is not an Affiliate), including on or after such termination date.

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AVC Addendum of Patents of Terminated Licensors

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Expired Patents

Avago Technologies
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Addendum of Patents Removed from AVC Attachment 1

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