



Apple Inc.

US 7,292,636

US 7,339,991

**BI Institute of Image
Technology, INC.**

AU 2021266245

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Cisco Systems Canada Co.

US 7,400,681

Cisco Technology, Inc.

US 7,684,489

Dolby International AB

AT (EP 2,512,136)

AT (EP 2,887,671)

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| AT (EP 3,399,756) | DK (EP 2,512,136) | HU (EP 3,399,756) |
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| AT (EP 3,836,550) | DK (EP 3,758,380) | HU (EP 3,836,550) |
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| AU 2008239653 | DK (EP 3,836,550) | IE (EP 2,512,136) |
| AU 2008241568 | DK (EP 3,920,538) | IE (EP 3,399,756) |
| AU 2012238296 | EE (EP 2,887,671) | IE (EP 3,758,380) |
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| AU 2012278382 | EE (EP 3,758,380) | IE (EP 3,836,550) |
| AU 2015202314 | EE (EP 3,758,381) | IE (EP 3,920,538) |
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| BE (EP 2,887,671) | EE (EP 3,920,538) | IN 423822 |
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| BR PI-0408570-1 | ES (EP 3,836,550) | IT (EP 3,836,550) |
| BR PI0410320-3 | ES (EP 3,920,538) | IT (EP 3,920,538) |
| BR PI0809510-8 | FI (EP 2,512,136) | JP 5,026,584 |
| BR 122018004903-0 | FI (EP 3,399,756) | JP 5,069,811 |
| BR 122018004904-9 | FI (EP 3,758,380) | JP 5,150,781 |
| BR 122018004906-5 | FI (EP 3,758,381) | JP 5,324,563 |
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| CH (EP 3,399,756) | FR (EP 2,512,135) | JP 7,116,812 |
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| CN 200880011698.X | FR (EP 3,836,550) | KR 1,885,790 |
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US Re. 47,076
US Re. 48,035
US Re. 48,401
US Re. 49,787
US 10,298,948

VN 1-0014619
VN 12809
VN 22362
VN 30446
VN 100 12388
VN 10014713
ZA 2009/06749
ZA 2009/06982
ZA 2010/06649

Dolby Laboratories Licensing Corporation

AL (EP 3,079,055)
AL (EP 3,514,677)
AL (EP 3,595,281)
AM (EA 039463)
AM (EA 042523)
AM (EA 042564)
AM (EA 044734)
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AT (EP 3,079,055)
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| BE (EP 3,850,847) | CN 105357533 | DK (EP 2,308,239) |
| BE (EP 3,974,956) | CN 105357534 | DK (EP 3,079,055) |
| BE (EP 4,064,706) | CN 105376549 | DK (EP 3,514,677) |
| BF (OA 19660) | CN 105407341 | DK (EP 3,523,970) |
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| BJ (OA 19660) | CN 106095353 | EE (EP 3,514,677) |
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| BW (AP 6125) | CN 106095356 | EE (EP 3,800,542) |
| BW (AP 6941) | CN 106095358 | EE (EP 3,800,543) |
| BY (EA 039463) | CN 109937572 | EE (EP 3,850,847) |
| BY (EA 042523) | CN 110267046 | EE (EP 3,974,956) |
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| CH (EP 4,064,706) | DE (EP 2,716,028) | FR (EP 2,308,239) |
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| CN 102301715 | DE (EP 3,800,542) | FR (EP 3,595,281) |



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| FR (EP 3,800,542) | HK 1,231,195 | IL 305702 |
| FR (EP 3,800,543) | HK 1231196 | IN 490303 |
| FR (EP 3,850,847) | HK 40010357 | IN 492801 |
| FR (EP 3,974,956) | HK 40010382 | IN 541566 |
| FR (EP 4,064,706) | HK 40010573 | IN 541570 |
| GA (OA 19660) | HK 40012966 | IN 541691 |
| GB (EP 2,308,239) | HK 40035149 | IN 541693 |
| GB (EP 2,716,028) | HK 40049320 | IS (EP 3,079,055) |
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| GH (AP 6125) | HR (EP 4,064,706) | IT (EP 3,523,970) |
| GH (AP 6941) | HU (EP 2,308,239) | IT (EP 3,595,281) |
| GM (AP 6125) | HU (EP 3,079,055) | IT (EP 3,800,542) |
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| GR (EP 3,800,543) | ID P000090285 | JP 6,561,098 |
| GR (EP 3,974,956) | ID P000092070 | JP 6,640,929 |
| GW (OA 19660) | IE (EP 2,308,239) | JP 6,871,366 |
| HK 1191778 | IE (EP 3,079,055) | JP 6,905,010 |
| HK 1198088 | IE (EP 3,514,677) | JP 7,049,419 |
| HK 1,220,301 | IE (EP 3,523,970) | JP 7,087,100 |
| HK 1,220,303 | IE (EP 3,595,281) | JP 7,091,306 |
| HK 1,220,563 | IE (EP 3,800,542) | JP 7,145,290 |
| HK 1,220,564 | IE (EP 3,800,543) | JP 7,246,542 |
| HK 1,221,360 | IE (EP 3,850,847) | JP 7,275,345 |
| HK 1,221,361 | IE (EP 3,974,956) | JP 7,353,520 |
| HK 1,222,495 | IE (EP 4,064,706) | JP 7,411,727 |
| HK 1,227,201 | IL 265,771 | JP 7,421,674 |
| HK 1,227,202 | IL 277365 | JP 7,422,832 |
| HK 1,227,590 | IL 280688 | JP 7,422,833 |
| HK 1,229,922 | IL 287875 | KE (AP 6125) |
| HK 1231191 | IL 289965 | KE (AP 6941) |
| HK 1231192 | IL 295131 | KG (EA 039463) |
| HK 1231193 | IL 296162 | KG (EA 042523) |



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| KG (EA 042564) | LS (AP 6941) | MZ (AP 6941) |
| KG (EA 044734) | LT (EP 2,308,239) | NA (AP 6125) |
| KH /GRRP.SG/00029 | LT (EP 3,079,055) | NA (AP 6941) |
| KH /GP/00082 SG | LT (EP 3,514,677) | NE (OA 19660) |
| KM (OA 19660) | LT (EP 3,595,281) | NG/PT/C/2020/4909 |
| KR 1,405,019 | LU (EP 3,079,055) | NG/PT/PCT/2021/5867 |
| KR 1,405,032 | LU (EP 3,514,677) | NG F/P/2022/153 |
| KR 1,768,435 | LU (EP 3,523,970) | NG F/P/2022/154 |
| KR 1,812,469 | LU (EP 3,595,281) | NG F/P/2022/156 |
| KR 1,865,543 | LU (EP 3,850,847) | NG F/P/2022/159 |
| KR 2,105,317 | LU (EP 4,064,706) | NL (EP 2,308,239) |
| KR 2,141,193 | LV (EP 3,079,055) | NL (EP 3,079,055) |
| KR 2,197,273 | LV (EP 3,514,677) | NL (EP 3,514,677) |
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| KR 2,380,163 | ML (OA 19660) | NO (EP 3,079,055) |
| KR 2,385,015 | MO J/002075 | NO (EP 3,514,677) |
| KR 2,433,239 | MO J/003489 | NO (EP 3,523,970) |
| KR 2,502,747 | MO J/003619 | NO (EP 3,595,281) |
| KR 2,526,108 | MO J/004098 | NO (EP 3,800,542) |
| KR 2,553,977 | MO J/006352 | NO (EP 3,800,543) |
| KR 2,602,528 | MO J/007454 | NO (EP 3,850,847) |
| KR 2,655,945 | MR (OA 19660) | NO (EP 3,974,956) |
| KR 2,656,330 | MT (EP 3,079,055) | NO (EP 4,064,706) |
| KR 2,672,149 | MT (EP 3,514,677) | PH 1/2019/500718 |
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| KZ (EA 042564) | MW (AP 6941) | PL (EP 3,079,055) |
| KZ (EA 044734) | MX 342,823 | PL (EP 3,514,677) |
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| LI (EP 3,079,055) | MX 365,965 | PL (EP 3,595,281) |
| LI (EP 3,514,677) | MX 371,677 | PL (EP 3,800,542) |
| LI (EP 3,523,970) | MX 380258 | PL (EP 3,800,543) |
| LI (EP 3,595,281) | MX 388842 | PL (EP 3,850,847) |
| LI (EP 3,800,542) | MX 406720 | PL (EP 3,974,956) |
| LI (EP 3,800,543) | MX 407173 | PL (EP 4,064,706) |
| LI (EP 3,850,847) | MX 411618 | PT (EP 2,308,239) |
| LI (EP 3,974,956) | MX 413083 | PT (EP 3,079,055) |
| LI (EP 4,064,706) | MY 193501-A | PT (EP 3,514,677) |
| LR (AP 6125) | MY 198864-A | PT (EP 3,523,970) |
| LR (AP 6941) | MY 201472-A | PT (EP 3,595,281) |
| LS (AP 6125) | MZ (AP 6125) | PT (EP 3,800,542) |



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| PT (EP 3,800,543) | SI (EP 3,595,281) | US Re. 46,500 |
| PT (EP 3,850,847) | SK (EP 2,308,239) | US Re. 48,953 |
| PT (EP 3,974,956) | SK (EP 3,079,055) | US 7,319,415 |
| PT (EP 4,064,706) | SK (EP 3,514,677) | US 7,386,048 |
| RO (EP 2,308,239) | SK (EP 3,523,970) | US 7,742,655 |
| RO (EP 3,079,055) | SK (EP 3,595,281) | US 7,894,530 |
| RO (EP 3,514,677) | SK (EP 3,850,847) | US 7,899,113 |
| RO (EP 3,595,281) | SK (EP 4,064,706) | US 8,150,206 |
| RO (EP 3,800,542) | SL (AP 6125) | US 8,228,986 |
| RO (EP 3,800,543) | SL (AP 6941) | US 8,233,538 |
| RO (EP 3,974,956) | SM (EP 3,079,055) | US 8,279,927 |
| RS (EP 3,079,055) | SM (EP 3,514,677) | US 8,331,450 |
| RS (EP 3,514,677) | SM (EP 3,595,281) | US 8,374,237 |
| RS (EP 3,595,281) | SN (OA 19660) | US 8,548,047 |
| RS (EP 3,800,542) | ST (AP 6125) | US 8,615,041 |
| RS (EP 3,800,543) | ST (AP 6941) | US 8,761,251 |
| RS (EP 3,974,956) | SZ (AP 6125) | US 8,780,998 |
| RU (EA 039463) | SZ (AP 6941) | US 8,798,173 |
| RU (EA 042523) | TD (OA 19660) | US 9,025,670 |
| RU (EA 042564) | TG (OA 19660) | US 9,113,165 |
| RU (EA 044734) | TH 88077 | US 9,185,384 |
| RU 2,665,211 | TJ (EA 039463) | US 9,219,923 |
| RU 2,711,102 | TJ (EA 042523) | US 9,232,235 |
| RU 2,728,845 | TJ (EA 042564) | US 9,288,499 |
| RU 2,736,103 | TJ (EA 044734) | US 9,294,771 |
| RU 2,772,241 | TM (EA 039463) | US 9,380,311 |
| RW (AP 6125) | TM (EA 042523) | US 9,420,311 |
| RW (AP 6941) | TM (EA 042564) | US 9,445,116 |
| SD (AP 6125) | TM (EA 044734) | US 9,521,419 |
| SD (AP 6941) | TR (EP 2,308,239) | US 9,578,334 |
| SE (EP 2,308,239) | TR (EP 2,716,028) | US 9,628,802 |
| SE (EP 3,079,055) | TR (EP 3,079,055) | US 9,685,139 |
| SE (EP 3,514,677) | TR (EP 3,514,677) | US 9,697,799 |
| SE (EP 3,523,970) | TR (EP 3,523,970) | US 9,706,217 |
| SE (EP 3,595,281) | TR (EP 3,595,281) | US 9,712,801 |
| SE (EP 3,800,542) | TR (EP 3,800,542) | US 9,774,882 |
| SE (EP 3,800,543) | TR (EP 3,800,543) | US 9,794,564 |
| SE (EP 3,850,847) | TR (EP 3,850,847) | US 9,838,705 |
| SE (EP 3,974,956) | TR (EP 3,974,956) | US 9,843,785 |
| SE (EP 4,064,706) | TR (EP 4,064,706) | US 9,866,866 |
| SG 10201604112P | TZ (AP 6125) | US 9,912,931 |
| SG 10201604130U | TZ (AP 6941) | US 9,924,172 |
| SG 10201607838P | UA 124806 | US 9,948,931 |
| SG 10202300347X | UG (AP 6125) | US 9,959,837 |
| SG 10202400240V | UG (AP 6941) | US 9,973,771 |
| SG 11201902914S | US Re. 43,062 | US 9,986,254 |
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Electronics and
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KR 1,255,230
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Electronics and
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 Institute and Korea Advanced
 Institute of Science and
 Technology (KAIST)

US 8,184,153

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 BG (EP 2,123,052)
 BR PI 0516336-6
 BR PI 0516348-0
 BR 12 2018 016188-4
 BR 122018016193-0
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 IT (EP 2,123,052)
 JP 5,014,438



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| JP 5,470,280 | MX 400314 | US 9,490,838 |
| JP 6,784,767 | MX 400699 | US 10,958,921 |
| JP 7,093,453 | MX 400700 | US 11,089,314 |
| JP 7,093,454 | MX 400701 | US 11,089,315 |
| JP 7,093,455 | MX 400702 | US 11,122,282 |
| JP 7,152,574 | MX 403,827 | US 11,128,877 |
| JP 7,152,575 | MX 411624 | US 11,146,804 |
| JP 7,157,836 | NL (EP 2,123,052) | US 11,172,213 |
| JP 7,295,186 | PL (EP 2,123,052) | US 11,184,626 |
| JP 7,303,170 | PT (EP 2,123,052) | US 11,190,785 |
| JP 7,303,266 | SE (EP 2,123,052) | US 11,212,542 |
| JP 7,405,931 | TR (EP 2,123,052) | US 11,218,530 |
| JP 7,410,101 | TW I445412 | US 11,283,850 |
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| JP 7,460,722 | TW I736895 | US 11,496,539 |
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| KR 1,190,227 | TW I762207 | US 11,546,404 |
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| KR 2,331,887 | TW I850969 | VN 31204 |
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| KR 2,385,126 | US 7,702,013 | |
| KR 2,420,290 | US 8,121,188 | |
| KR 2,433,227 | US 8,204,115 | |
| KR 2,433,820 | US 8,204,116 | |
| KR 2,433,821 | US 8,204,117 - Exp. Oct 29, 2024 | |
| KR 2,433,822 | US 8,218,628 | |
| KR 2,498,840 | US 8,218,630 | |
| KR 2,498,842 | US 8,218,631 | |
| KR 2,511,319 | US 8,565,304 | |
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| KR 2,560,639 | US 8,873,622 | |
| KR 2,653,128 | US 8,873,623 | |
| MX 285,017 | US 8,873,624 | |
| MX 393311 | US 9,362,949 | |
| MX 397985 | US 9,450,608 | |

Godo Kaisha IP Bridge 1

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- BR PI0206777-3
- BR PI0206820-6
- BR PI 0303566-2
- BR PI 0303673-1
- BR PI0303901-3
- BR PI0304528-5
- BR PI0304543-9
- BR PI0304558-7
- BR PI0305554-0
- BR PI0306560-0
- BR PI0306684-3



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| BR PI0306987-7 | TW I563827 | US 8,238,449 |
| BR PI0307119-7 | | US 8,243,786 |
| BR PI0307197-9 | <u>Koninklijke Philips N.V.</u> | US 8,243,791 |
| BR PI0318759-4 | | US 8,243,792 |
| BR PI 0318797-7 | US 7,421,138 | US 8,243,793 |
| BR PI 0318816-7 | US 9,036,715 | US 8,243,794 |
| BR PI0406424-0 | US 9,560,349 | US 8,243,795 |
| MY 140969 | | US 8,243,799 |
| MY 141699 | <u>LG Electronics Inc.</u> | US 8,243,800 |
| US 7,372,905 | | US 8,243,817 |
| US 7,515,635 | BR PI 0407671-0 | US 8,243,819 |
| US 7,542,510 | BR PI 0419287-7 | US 8,243,827 |
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| US 7,881,375 | KR 507,917 | US 8,249,148 |
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| US 8,204,112 | US 7,706,451 | US 8,249,172 |
| US 8,223,841 | US 7,711,053 | US 8,249,173 |
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| US 8,265,403 | US 7,782,943 | US 8,463,058 |
| US 8,345,770 | US 7,782,944 | US 8,467,620 |
| US 8,989,264 | US 7,782,946 | US 8,467,621 |
| US 9,001,891 | US 7,782,947 | US 8,467,622 |
| US 9,426,490 | US 7,782,948 | US 8,472,738 |
| US 9,456,218 | US 7,817,865 | US 8,509,550 |
| | US 7,831,102 | US 8,548,264 |
| <u>Google LLC</u> | US 7,843,999 | US 8,565,544 |
| | US 8,115,804 | |
| US 7,555,044 | US 8,130,842 | <u>Maxell, Ltd.</u> |
| US 7,660,353 | US 8,149,919 | |
| US 7,769,087 | US 8,223,850 | JP 4,542,447 |
| US 7,839,931 - Exp. Sep 26, 2024 | US 8,228,977 | JP 5,236,088 |
| | US 8,228,978 | JP 5,868,909 |
| <u>JVCKENWOOD Corporation</u> | US 8,228,996 | JP 5,913,474 |
| | US 8,229,005 | JP 6,117,302 |
| CN 103621087 | US 8,233,528 | JP 6,222,756 |
| CN 105812807 | US 8,233,533 | JP 6,364,462 |
| CN 107071428 | US 8,233,546 | JP 6,434,172 |
| JP 4,241,559 - Exp. Sep 27, 2024 | US 8,233,550 | JP 6,523,495 |
| JP 5,614,381 | US 8,238,417 | JP 6,735,370 |
| JP 5,678,818 | US 8,238,418 | US 7,970,058 |
| JP 5,991,399 | US 8,238,422 | US 8,923,387 |
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Microsoft Corporation

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Mitsubishi Electric Corporation

JP 4,762,936
JP 4,890,201
US 7,903,737

Nippon Telegraph and Telephone Corporation

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TW I268715

NTT DOCOMO, INC.

US 7,324,593
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US 7,596,178
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US 9,577,667

Orange SA

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Panasonic Holdings Corporation

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CZ (EP 4,114,014)
DE (EP 1,709,801)
DE (EP 2,384,002)

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| DE (EP 3,624,459) | FI (EP 4,093,038) | HU (EP 4,109,907) |
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| DK (EP 4,093,035) | FR (EP 4,093,038) | IN 532324 |
| DK (EP 4,093,036) | FR (EP 4,109,906) | IN 532329 |
| DK (EP 4,093,037) | FR (EP 4,109,907) | IN 532335 |
| DK (EP 4,093,038) | FR (EP 4,114,014) | IN 532499 |
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| ES (EP 3,697,097) | GR (EP 4,093,036) | JP 4,679,524 |
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| ES (EP 4,093,037) | GR (EP 4,109,906) | JP 5,048,826 |
| ES (EP 4,093,038) | GR (EP 4,109,907) | JP 5,102,344 |
| ES (EP 4,109,906) | GR (EP 4,114,014) | JP 5,249,363 |
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| JP 6,857,834 | PL (EP 3,687,177) | SK (EP 4,114,014) |
| JP 7,340,563 | PL (EP 3,697,097) | TR (EP 3,624,459) |
| KR 1,065,998 | PL (EP 4,093,035) | TR (EP 3,687,177) |
| KR 1,082,233 | PL (EP 4,093,036) | TR (EP 3,697,097) |
| KR 1,136,629 | PL (EP 4,093,037) | TR (EP 4,093,035) |
| LI (EP 3,624,459) | PL (EP 4,093,038) | TR (EP 4,093,036) |
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| LI (EP 4,093,038) | PT (EP 3,697,097) | US 7,209,520 - Exp. Sep 2, 2024 |
| LI (EP 4,109,906) | PT (EP 4,093,035) | US 7,327,788 |
| LI (EP 4,109,907) | PT (EP 4,093,036) | US 7,362,807 |
| LI (EP 4,114,014) | PT (EP 4,093,037) | US 7,630,435 |
| LT (EP 1,709,801) | PT (EP 4,093,038) | US 7,664,180 - Exp. Oct 11, 2024 |
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US 9,698,822 - Exp. May 1, 2023
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GE Video Compression, LLC

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 US 7,088,271 - Exp. Jul 16, 2023

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SK (EP 2,928,185) - Exp. Jul 22, 2023
SK (EP 2,938,071) - Exp. Nov 29, 2022
SK (EP 3,096,515) - Exp. Apr 10, 2023
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SK (EP 3,099,068) - Exp. Nov 22, 2022
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SK (EP 3,282,699) - Exp. Nov 29, 2022
SK (EP 3,285,486) - Exp. Jul 22, 2023
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SK (EP 3,349,447) - Exp. Jul 22, 2023
SK (EP 3,349,461) - Exp. Aug 28, 2023
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SK (EP 3,515,072) - Exp. Apr 16, 2023
TH 54428 - Exp. Jul 8, 2023
TH 62924 - Exp. Nov 10, 2023
TH 72368 - Exp. Oct 14, 2023
TH 80152 - Exp. Nov 10, 2023
TH 80536 - Exp. Oct 13, 2023
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TR (EP 2,824,928) - Exp. Jul 22, 2023
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TR (EP 3,145,186) - Exp. Oct 6, 2023
TR (EP 3,282,699) - Exp. Nov 29, 2022
TR (EP 3,285,486) - Exp. Jul 22, 2023



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| TR (EP 3,288,261) - Exp. Jul 22, 2023 | US 7,505,518 - Exp. Apr 9, 2023 | US 9,204,164 - Exp. Jun 25, 2023 |
| TR (EP 3,349,447) - Exp. Jul 22, 2023 | US 7,664,179 - Exp. Jan 30, 2023 | US 9,232,220 - Exp. Sep 3, 2023 |
| TR (EP 3,349,461) - Exp. Aug 28, 2023 | US 7,693,340 - Exp. Dec 9, 2023 | US 9,241,171 - Exp. Aug 27, 2023 |
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| TR (EP 3,515,072) - Exp. Apr 16, 2023 | US 7,715,478 - Exp. Jan 30, 2023 | US 9,386,320 - Exp. Jun 25, 2023 |
| TW I 262,024 - Exp. Apr 10, 2023 | US 7,782,962 - Exp. May 4, 2023 | US 9,398,305 - Exp. Jul 14, 2023 |
| TW I 276,359 - Exp. Apr 14, 2023 | US 7,792,195 - Exp. Nov 28, 2022 | US 9,402,081 - Exp. Jul 14, 2023 |
| TW 280,781 - Exp. Oct 31, 2023 | US 7,813,568 - Exp. Apr 19, 2024 | US 9,451,276 - Exp. Sep 3, 2023 |
| TW I 281,352 - Exp. Apr 8, 2023 | US 7,817,868 - Exp. Apr 19, 2024 | US 9,473,774 - Exp. Apr 15, 2023 |
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| TW 283,534 - Exp. Sep 15, 2023 | US 7,933,330 - Exp. Dec 17, 2023 | US 9,473,781 - Exp. Jul 14, 2023 |
| TW 290802 - Exp. Oct 29, 2023 | US 7,956,774 - Exp. Nov 21, 2022 | US 9,473,786 - Exp. Aug 27, 2023 |
| TW 314837 - Exp. Apr 8, 2023 | US 7,970,061 - Exp. Oct 21, 2021 | US 9,479,790 - Exp. Jul 14, 2023 |
| TW 314,838 - Exp. Apr 8, 2023 | US 7,995,651 - Exp. Oct 26, 2023 | US 9,485,516 - Exp. Aug 27, 2023 |
| TW I317107 - Exp. Jul 7, 2023 | US 8,005,146 - Exp. Apr 15, 2023 | US 9,497,467 - Exp. Apr 15, 2023 |
| TW I317108 - Exp. Jul 7, 2023 | US 8,023,753 - Exp. Jul 21, 2023 | US 9,516,307 - Exp. Apr 5, 2024 |
| TW 328969 - Exp. Sep 15, 2023 | US 8,085,856 - Exp. Jul 10, 2023 | US 9,521,415 - Exp. Apr 15, 2023 |
| TW 330986 - Exp. Apr 8, 2023 | US 8,139,637 - Exp. Jul 14, 2023 | US 9,554,148 - Exp. Aug 27, 2023 |
| TW 331,877 - Exp. Sep 15, 2023 | US 8,150,180 - Exp. Jul 21, 2023 | US 9,661,353 - Exp. May 15, 2023 |
| TW 344794 - Exp. Sep 24, 2023 | US 8,194,738 - Exp. Sep 21, 2023 | US 9,681,136 - Exp. Oct 26, 2023 |
| TW 350699 - Exp. Oct 29, 2023 | US 8,204,119 - Exp. Sep 3, 2023 | US 9,686,552 - Exp. Oct 26, 2023 |
| TW 353182 - Exp. Sep 15, 2023 | US 8,265,150 - Exp. Sep 21, 2023 | US 9,706,224 - Exp. Apr 15, 2023 |
| TW 356595 - Exp. Sep 24, 2023 | US 8,284,841 - Exp. Apr 15, 2023 | US 9,712,841 - Exp. Oct 26, 2023 |
| TW I519134 - Exp. Sep 15, 2023 | US 8,311,130 - Exp. Oct 21, 2021 | US 9,723,320 - Exp. Sep 3, 2023 |
| TW I547147 - Exp. Sep 15, 2023 | US 8,355,588 - Exp. Jul 21, 2023 | US 9,729,894 - Exp. Sep 3, 2023 |
| TW I559741 - Exp. Sep 15, 2023 | US 8,526,748 - Exp. Mar 26, 2023 | US 9,794,567 - Exp. Apr 15, 2023 |
| TW I562602 - Exp. Sep 15, 2023 | US 8,604,947 - Exp. Nov 21, 2022 | US 9,813,728 - Exp. Apr 15, 2023 |
| TW I575938 - Exp. Sep 15, 2023 | US 8,606,027 - Exp. Jul 21, 2023 | US 9,813,729 - Exp. Apr 15, 2023 |
| US 6,608,939 - Exp. Nov 5, 2017 | US 8,660,185 - Exp. Jul 21, 2024 | US 9,854,240 - Exp. Jul 25, 2023 |
| US 6,658,152 - Exp. Nov 5, 2017 | US 8,737,473 - Exp. Jan 30, 2023 | US 9,888,238 - Exp. Oct 5, 2023 |
| US 6,681,048 - Exp. Nov 5, 2017 | US 8,804,838 - Exp. Apr 15, 2023 | US 9,888,239 - Exp. Jul 21, 2023 |
| US 6,954,157 - Exp. Nov 21, 2022 | US 8,861,607 - Exp. Aug 27, 2023 | US 9,888,241 - Exp. Jul 25, 2023 |
| US 6,967,600 - Exp. Jan 5, 2023 | US 8,885,713 - Exp. Sep 3, 2023 | US 9,888,258 - Exp. Nov 28, 2022 |
| US 6,992,605 - Exp. Nov 21, 2022 | US 8,897,367 - Exp. Aug 27, 2023 | US 9,900,614 - Exp. Nov 28, 2022 |
| US 7,095,896 - Exp. Jul 9, 2023 | US 8,941,514 - Exp. Nov 21, 2022 | US 9,906,806 - Exp. Jul 14, 2023 |
| US 7,109,898 - Exp. Nov 21, 2022 | US 8,976,869 - Exp. Jul 10, 2023 | US 9,942,561 - Exp. Jul 14, 2023 |
| US 7,167,591 - Exp. Dec 11, 2023 | US 8,982,965 - Exp. Jul 10, 2023 | US 9,967,584 - Exp. Sep 3, 2023 |
| US 7,184,598 - Exp. Mar 26, 2023 | US 9,002,124 - Exp. Jul 21, 2023 | US 9,973,773 - Exp. Sep 3, 2023 |
| US 7,218,787 - Exp. Apr 9, 2023 | US 9,020,040 - Exp. Jan 6, 2024 | US 9,998,751 - Exp. Oct 26, 2023 |
| US 7,283,071 - Exp. Nov 21, 2022 | US 9,020,041 - Exp. Jan 6, 2024 | US 9,998,756 - Exp. Apr 15, 2023 |
| US 7,305,035 - Exp. Jan 6, 2024 | US 9,031,133 - Exp. Jan 6, 2024 | US 10,015,517 - Exp. Nov 28, 2022 |
| US 7,305,134 - Exp. Mar 26, 2023 | US 9,054,734 - Exp. Jan 6, 2024 | US 10,021,389 - Exp. Apr 9, 2023 |
| US 7,308,143 - Exp. Mar 26, 2023 | US 9,088,795 - Exp. Aug 27, 2023 | US 10,027,990 - Exp. Apr 15, 2023 |
| US 7,308,144 - Exp. Mar 26, 2023 | US 9,113,149 - Exp. Jul 21, 2023 | US 10,034,025 - Exp. Apr 15, 2023 |
| US 7,308,149 - Exp. Mar 26, 2023 | US 9,118,899 - Exp. Apr 26, 2023 | US 10,057,602 - Exp. Apr 15, 2023 |
| US 7,312,731 - Exp. Nov 21, 2022 | US 9,124,862 - Exp. May 26, 2024 | US 10,063,890 - Exp. Apr 15, 2023 |
| US 7,411,526 - Exp. Nov 21, 2022 | US 9,191,666 - Exp. Apr 15, 2023 | US 10,080,033 - Exp. Apr 15, 2023 |
| US 7,492,952 - Exp. Jul 21, 2023 | US 9,204,153 - Exp. Aug 27, 2023 | US 10,091,522 - Exp. Oct 26, 2023 |



US 10,097,824 - Exp. Oct 5, 2023
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 US 10,230,971 - Exp. Jul 14, 2023
 US 10,230,978 - Exp. Jun 25, 2023
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 US 10,412,405 - Exp. Oct 26, 2023
 US 10,511,857 - Exp. Nov 28, 2022
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 US 10,834,388 - Exp. Apr 9, 2023
 US 10,869,034 - Exp. Apr 9, 2023
 US 10,992,962 - Exp. Nov 28, 2022

Google LLC

AT (EP 1,449,385) - Exp. Nov 21, 2022
 AT (EP 2,268,039) - Exp. Nov 21, 2022
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 CA 2,230,562 - Exp. Feb 25, 2018
 CA 2,468,087 - Exp. Nov 21, 2022
 CA 2,738,322 - Exp. Nov 21, 2022
 CA 2,738,329 - Exp. Nov 21, 2022
 CA 2,738,339 - Exp. Nov 21, 2022
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 CN 101715128 - Exp. Nov 20, 2022
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 JP 5,697,614 - Exp. Nov 21, 2022
 KR 1,076,506 - Exp. Nov 21, 2022
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 MX 205,438 - Exp. Mar 6, 2018
 MX 283,722 - Exp. Nov 21, 2022
 MX 283,723 - Exp. Nov 21, 2022
 MX 283,814 - Exp. Nov 21, 2022
 NL (EP 1,449,385) - Exp. Nov 21, 2022
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TR (EP 2,285,121) - Exp. Nov 21, 2022
US Re. 38,563 - Exp. Oct 5, 2017
US 6,980,596 - Exp. Sep 9, 2023
US 6,987,888 - Exp. Nov 19, 2022
US 7,162,094 - Exp. May 20, 2024
US 7,310,374 - Exp. Nov 19, 2022
US 7,310,375 - Exp. Nov 19, 2022
US 7,310,376 - Exp. Nov 19, 2022
US 7,310,377 - Exp. Nov 19, 2022
US 7,421,025 - Exp. Nov 19, 2022
US 7,477,690 - Exp. Nov 19, 2022
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US 6,741,746 - Exp. Mar 16, 2019

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JP 3,060,376 - Exp. Aug 30, 2011
JP 4,127,182 - Exp. Oct 15, 2023
JP 4,241,417 - Exp. Feb 4, 2024
US Re. 34,965 - Exp. Jan 17, 2010
US Re. 35,158 - Exp. Jan 17, 2010
US 5,103,307 - Exp. Jan 17, 2011

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AU 641,726 - Exp. Feb 20, 2011
BE (EP 0460751) - Exp. Jun 3, 2011
CA 2,018,031 - Exp. Jun 1, 2010
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
DE (EP 443,676) - Exp. Feb 18, 2011
DE (EP 0460751) - Exp. Jun 3, 2011
DK (EP 443,676) - Exp. Feb 18, 2011
DK (EP 0460751) - Exp. Jun 3, 2011
FI 101,442 - Exp. Feb 19, 2011
FR (EP 443,676) - Exp. Feb 18, 2011
FR (EP 0460751) - Exp. Jun 3, 2011
GB (EP 443,676) - Exp. Feb 18, 2011
GB (EP 0460751) - Exp. Jun 3, 2011
HK 96-615 - Exp. Feb 18, 2011

IN 222685 - Exp. Dec 15, 2023
IT (EP 443,676) - Exp. Feb 18, 2011
IT (EP 0460751) - Exp. Jun 3, 2011
JP 2,791,822 - Exp. Jun 2, 2010
JP 3,162,110 - Exp. Jun 4, 2011
JP 3,174,586 - Exp. Feb 20, 2011
JP 3,280,999 - Exp. Jun 4, 2011
KR 114,697 - Exp. Jan 8, 2012
KR 239,837 - Exp. Jun 4, 2011
MY 135268 - Exp. Jan 21, 2023
NL (EP 443,676) - Exp. Feb 18, 2011
NL (EP 0460751) - Exp. Jun 3, 2011
SE (EP 443,676) - Exp. Feb 18, 2011
SE (EP 0460751) - Exp. Jun 3, 2011
SG 9690467.7 - Exp. Feb 18, 2011
US 4,849,812 - Exp. Feb 23, 2008
US 5,021,879 - Exp. Jun 3, 2008
US 5,128,758 - Exp. Jul 6, 2009
US 5,179,442 - Exp. Jan 11, 2010
US 5,606,539 - Exp. Feb 24, 2014
US 5,608,697 - Exp. Jun 4, 2011
US 5,699,476 - Exp. Oct 18, 2010
US 5,740,310 - Exp. Apr 13, 2015
US 5,844,867 - Exp. Jun 4, 2011
US 6,909,450 - Exp. Jul 15, 2023

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AU 717,480 - Exp. Jan 20, 2019
KR 301,013 - Exp. Aug 1, 2018
RU 2,154,918 - Exp. Jan 20, 2019
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AT (EP 1,406,453) - Exp. Jan 7, 2023
AT (EP 1,582,069) - Exp. Mar 3, 2024
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| KR 881,555 - Exp. Mar 3, 2023 | LI (EP 1,796,396) - Exp. Jan 7, 2023 | MC (EP 3,024,239) - Exp. Mar 3, 2024 |



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JP 4,560,033 - Exp. Sep 18, 2022
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KR 839,308 - Exp. Sep 10, 2022
KR 839,309 - Exp. Sep 10, 2022
KR 839,311 - Exp. Sep 10, 2022
KR 884,134 - Exp. Aug 15, 2021
KR 895,932 - Exp. Apr 18, 2023
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US 7,162,091 - Exp. May 23, 2018
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US 7,181,072 - Exp. Aug 6, 2018
US 7,242,437 - Exp. Oct 17, 2021
US 7,248,779 - Exp. Aug 14, 2021
US 7,263,232 - Exp. Dec 16, 2022
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US 7,274,407 - Exp. May 22, 2022
US 7,286,189 - Exp. Dec 2, 2021
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US 7,379,607 - Exp. Dec 15, 2022
US 7,577,305 - Exp. Apr 16, 2023
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US 7,646,810 - Exp. Sep 19, 2023
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US 7,839,895 - Exp. Mar 31, 2023
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Panasonic Holdings Corporation

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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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Expired Patents

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Addendum of Patents Removed from AVC Attachment 1

Each patent listed below was previously found essential for part of the AVC Standard that has now been deleted from the AVC Standard effective as of the date listed next to the removed patent. Those licensees with an AVC Patent Portfolio License in effect *on or prior to* the date of removal indicated next to each patent retain their license under the respective removed patent after the indicated removal date.

Dolby Laboratories Licensing Corporation

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LG Electronics Inc.

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