

Title (en)
Cable connector

Title (de)
Kabelverbinder

Title (fr)
Connecteur pour câble

Publication
EP 1646113 A3 20110309 (EN)

Application
EP 05021838 A 20051006

Priority
JP 2004294956 A 20041007

Abstract (en)
[origin: EP1646113A2] A cable connector (1) according to the invention includes: contacts (3) connected to core conductors (a) of coaxial cables (2), an insulating member (6) for holding the contacts, a plate-shaped grounding bar (7) put across the coaxial cables and soldered to shielding external conductors of the coaxial cables (2); and substantially flat-plate-shaped metal upper and lower shells (4 and 5) enclosing the insulating member (6) from above and below to be fixed to the insulating member, the grounding bar (7) being electrically conducted to the upper shell (4) and the lower shell (5). Supporting means (4i and/or 5e) abutting against a back end surface of the grounding bar (7) is provided on at least one of flat plate parts (4e, 5a) of the upper and lower shells so as to prevent the grounding bar from being pulled backward in a core direction of the coaxial cable.

IPC 1-7
H01R 12/08

IPC 8 full level
H01R 9/05 (2006.01)

CPC (source: EP KR)
H01R 12/592 (2013.01 - EP); **H01R 12/598** (2013.01 - EP); **H01R 12/774** (2013.01 - EP); **H01R 13/648** (2013.01 - KR); **H01R 9/0524** (2013.01 - EP); **H01R 13/5804** (2013.01 - EP); **H01R 13/6593** (2013.01 - EP)

Citation (search report)

- [I] US 6273753 B1 20010814 - KO DAVID TSO-CHIN [US]
- [XA] US 6364702 B1 20020402 - MOCHIZUKI SHOICHI [JP], et al
- [XP] JP 2005116447 A 20050428 - SONY CORP, et al
- [A] EP 1320149 A2 20030618 - SUMITOMO WIRING SYSTEMS [JP]

Cited by
NL2001622C2; US7674134B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1646113 A2 20060412; **EP 1646113 A3 20110309**; CN 100524967 C 20090805; CN 1758492 A 20060412; JP 2006107992 A 20060420; KR 20060052128 A 20060519; TW 200627726 A 20060801

DOCDB simple family (application)
EP 05021838 A 20051006; CN 200510106970 A 20050927; JP 2004294956 A 20041007; KR 20050094519 A 20051007; TW 94132157 A 20050916