

Title (en)
Electrical connector part

Title (de)
Elektrisches Steckverbinderteil

Title (fr)
Partie de connecteur électrique

Publication
EP 1760838 A1 20070307 (DE)

Application
EP 06017934 A 20060829

Priority
DE 102005040970 A 20050830

Abstract (en)
The upper case (1) has passages (7) at top wall and accommodates seal (2) with openings (9) and chamber block (3) with retention bar (15) such that the passages, openings and chambers (18) in chamber block are respectively aligned with one another. The seal sandwiches upper case and lower case with plugs such that the plugs extend into respective sockets in chamber. The lead wires pass through respective passages and opening to electrically connect with respective sockets and plugs inserted into sockets. An independent claim is included for a further electrical plug-and-socket connector.

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP US)
H01R 13/5202 (2013.01 - EP US); **H01R 13/5208** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US); **H01R 13/5221** (2013.01 - EP US)

Citation (search report)

- [X] US 5197898 A 19930330 - NAGAMINE AKIRA [JP]
- [X] US 4946402 A 19900807 - FINK RANDY L [US], et al
- [A] EP 0711006 A1 19960508 - SUMITOMO WIRING SYSTEMS [JP]
- [A] US 2002052143 A1 20020502 - HARA TERUFUMI [JP], et al

Cited by
EP2658038A1

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 1760838 A1 20070307; BR PI0603853 A 20070522; DE 102005040970 A1 20070308; JP 2007066898 A 20070315; US 2007049111 A1 20070301; US 7244133 B2 20070717

DOCDB simple family (application)
EP 06017934 A 20060829; BR PI0603853 A 20060830; DE 102005040970 A 20050830; JP 2006231431 A 20060829; US 51116906 A 20060828