

Title (en)
Connector

Title (de)
Steckverbinder

Title (fr)
Connecteur

Publication
EP 1617518 A1 20060118 (DE)

Application
EP 05076416 A 20050614

Priority
DE 102004029701 A 20040615

Abstract (en)
The device is part of a plug connector system for bringing into engagement with a complementary plug connector. It has a base body (1) with a protruding element (2) with a contact shaft with at least two metal contacts (51) on its inner contour passing through the base body for connection to elements of electronic units. The individual contacts are fed around the edge of the contact shaft opening so as to engage around the edge.

IPC 8 full level
H01R 12/30 (2006.01); **H01R 12/71** (2011.01); **H01R 13/415** (2006.01)

CPC (source: EP)
H01R 12/57 (2013.01); **H01R 12/716** (2013.01); **H01R 12/7011** (2013.01); **H01R 13/64** (2013.01); **H01R 2201/02** (2013.01); **H01R 2201/16** (2013.01)

Citation (search report)

- [XY] EP 1403974 A1 20040331 - JAPAN AVIATION ELECTRONICS IND LTD [JP]
- [X] US 2002061683 A1 20020523 - FUKUI KUNIIHIKO [JP]
- [DYA] US 5718592 A 19980217 - HOSLER SR ROBERT CRAIG [US], et al
- [Y] US 6273760 B1 20010814 - WU KUN-TSAN [TW]
- [Y] US 6746281 B1 20040608 - ZHANG GEORGE HUANYI [US]
- [A] US 6485312 B1 20021126 - YU HUNG-CHI [TW]

Cited by
US7537489B2; US7749028B2; WO2009050544A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1617518 A1 20060118; DE 102004029701 B3 20060216; DE 102004029701 B8 20060622

DOCDB simple family (application)
EP 05076416 A 20050614; DE 102004029701 A 20040615