

Title (en)

Socket and plug and electrical connector containing them

Title (de)

Buchsenteil, Steckerteil und elektrische Steckverbindung mit einem solchen Buchsenteil und/oder Steckerteil

Title (fr)

Élément de connexion mâle et femelle et connecteur électrique les contenant

Publication

EP 1111732 A3 20030102 (DE)

Application

EP 00127771 A 20001219

Priority

DE 19962437 A 19991222

Abstract (en)

[origin: EP1111732A2] A U-shaped contact spring (20) fits inside a casing (12) so that an imaginary neutral axis for this spring runs parallel to a plugging-in direction. A plug component fits a sleeve component (10). An electrical plug-in connector device fits this sleeve component and/or a plug component.

IPC 1-7

H01R 13/70; **H01R 13/646**

IPC 8 full level

H01R 13/453 (2006.01); **H01R 13/646** (2011.01); **H01R 13/703** (2006.01); **H01R 13/24** (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP US)

H01R 24/46 (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 13/2421** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US); **H01R 2201/02** (2013.01 - EP US); **H01R 2201/16** (2013.01 - EP)

Citation (search report)

- [XAY] US 4633048 A 19861230 - KOMATSU YASUHIRO [JP]
- [X] US 4575694 A 19860311 - LAPKE JAMES A [US], et al
- [X] GB 2238672 A 19910605 - AMP INC [US]
- [X] DE 3834171 A1 19900412 - NEUTRIK AG [LI]
- [Y] DE 29913911 U1 19991118 - FRAMATOME CONNECTORS INT [FR]
- [DA] WO 9831078 A1 19980716 - WHITAKER CORP [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1111732 A2 20010627; **EP 1111732 A3 20030102**; **EP 1111732 B1 20051116**; AT E310326 T1 20051215; DE 19962437 A1 20010705; DE 50011628 D1 20051222; US 2001005645 A1 20010628; US 6974340 B2 20051213

DOCDB simple family (application)

EP 00127771 A 20001219; AT 00127771 T 20001219; DE 19962437 A 19991222; DE 50011628 T 20001219; US 74806600 A 20001222