

Title (en)

Electrical connector with prestressed contact blade

Title (de)

Elektrischer Steckverbinder mit einer vorgespannten Kontaktlamelle

Title (fr)

Connecteur électrique avec lame de contact précontraint

Publication

EP 1764874 A3 20110525 (DE)

Application

EP 06120029 A 20060904

Priority

DE 102005043693 A 20050914

Abstract (en)

[origin: EP1764874A2] Electrical connector (1) comprises a metal housing (3) having a first wall (5) lying opposite a second wall (9) and running parallel to the sliding movement relative to a contact pin (21). Both walls have side walls which are connected together. A fixed contact site (7) protruding inward is arranged on the first wall and the second wall is arranged next to a spring (15) which slides parallel to the sliding movement. The spring has a pressing surface for the contact pin. A space is formed between the fixed contact site and the pressing surface to allow frictionless sliding of the contact pin.

IPC 8 full level

H01R 13/115 (2006.01); **H01R 13/193** (2006.01)

CPC (source: EP)

H01R 13/111 (2013.01); **H01R 13/187** (2013.01); **H01R 13/193** (2013.01); **H01R 13/114** (2013.01)

Citation (search report)

- [A] JP H0652918 A 19940225 - AMP JAPAN
- [A] DE 19729406 A1 19980122 - YAZAKI CORP [JP]

Cited by

DE102019210695B3; DE102018207068A1; US9160082B2; WO2013113886A1

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 RS

DOCDB simple family (publication)

EP 1764874 A2 20070321; **EP 1764874 A3 20110525**; **EP 1764874 B1 20120815**; DE 102005043693 A1 20070315

DOCDB simple family (application)

EP 06120029 A 20060904; DE 102005043693 A 20050914