

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 B1 20120815 (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 13/187** (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)

Cited by

DE102018207068A1; DE102019210695B3; US9160082B2; WO2013113886A1

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DE FR IT

DOCDB simple family (publication)

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

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