

Title (en)

Electrical connector

Title (de)

Elektrische Steckverbindung

Title (fr)

Connecteur électrique

Publication

EP 0711009 B1 20000105 (DE)

Application

EP 95116923 A 19951027

Priority

DE 4439105 A 19941102

Abstract (en)

[origin: EP0711009A2] The connector has a rectangular cross-section plug pin and a socket which is formed from stamped and bent sheet metal with a rectangular cross-section contact part (3) for receiving the plug pin, having a separate contact element (6). This is formed from a U-shaped contact plate, with 2 parallel contact arms (8), at least one of which has a widened section at its end which is bent round to form a rectangular frame, secured to the contact part via fixing lugs (17) of the latter.

IPC 1-7

H01R 43/16; **H01R 13/02**; **H01R 13/187**

IPC 8 full level

H01R 13/10 (2006.01); **H01R 13/02** (2006.01); **H01R 13/187** (2006.01); **H01R 13/35** (2006.01); **H01R 13/504** (2006.01); **H01R 13/639** (2006.01); **H01R 43/16** (2006.01); **H01R 4/02** (2006.01); **H01R 4/18** (2006.01)

CPC (source: EP US)

H01R 13/187 (2013.01 - EP US); **H01R 13/35** (2013.01 - EP US); **H01R 4/02** (2013.01 - EP US); **H01R 4/18** (2013.01 - EP US); **H01R 13/113** (2013.01 - EP US)

Citation (examination)

DE 3906625 C1 19900118 - KOSTAL LEOPOLD GMBH & CO KG [DE]

Cited by

DE10244946B4; EP1215763A1; DE102006006316B3; DE102019218072A1; US11329400B2; DE102019218072B4

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 4439105 C1 19960425; BR 9504908 A 19970902; DE 59507570 D1 20000210; EP 0711009 A2 19960508; EP 0711009 A3 19971203; EP 0711009 B1 20000105; ES 2142986 T3 20000501; JP H08236185 A 19960913; US 5613885 A 19970325

DOCDB simple family (application)

DE 4439105 A 19941102; BR 9504908 A 19951101; DE 59507570 T 19951027; EP 95116923 A 19951027; ES 95116923 T 19951027; JP 28509595 A 19951101; US 54833995 A 19951101