

Title (en)

SLIDING ELEMENT FOR CONTACTING PRINTED CIRCUIT BOARDS

Title (de)

GLEITELEMENT ZUR KONTAKTIERUNG VON LEITERKARTEN

Title (fr)

COULISSE POUR LA MISE EN CONTACT ÉLECTRIQUE DE CARTES DE CIRCUITS IMPRIMÉS

Publication

EP 3317922 A1 20180509 (DE)

Application

EP 16739399 A 20160627

Priority

- DE 102015110498 A 20150630
- DE 2016100289 W 20160627

Abstract (en)

[origin: WO2017000936A1] The invention relates to a sliding element (1) for electrically contacting conductor paths on two facing printed circuit boards (10). The sliding element (1) consists of a main body (2), at least one electrical contact element (3), and a through-hole (6) provided for accepting a threaded stud (11). An internal thread (7) in the through-hole (6) allows the sliding element (1) to move linearly along the threaded stud (11) when the threaded stud (11) is twisted. By sliding the sliding element (1) along the threaded stud (11), different conductor paths on the printed circuit boards (10) are brought into electrical contact with one another.

IPC 8 full level

H01R 12/52 (2011.01); **H01R 12/57** (2011.01); **H01R 12/71** (2011.01); **H01R 13/24** (2006.01)

CPC (source: EP KR US)

H01R 12/52 (2013.01 - EP KR US); **H01R 12/57** (2013.01 - KR US); **H01R 12/714** (2013.01 - KR US); **H01R 12/89** (2013.01 - US); **H01R 13/24** (2013.01 - US); **H01R 13/2435** (2013.01 - KR US); **H01R 13/245** (2013.01 - US); **H01R 29/00** (2013.01 - EP); **H01R 41/00** (2013.01 - EP); **H01R 12/714** (2013.01 - EP); **H01R 13/2435** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102015110498 B3 20161117; CN 107710512 A 20180216; CN 107710512 B 20190726; EP 3317922 A1 20180509; EP 3317922 B1 20191016; KR 101989734 B1 20190614; KR 20180011819 A 20180202; US 10148026 B2 20181204; US 2018166808 A1 20180614; WO 2017000936 A1 20170105

DOCDB simple family (application)

DE 102015110498 A 20150630; CN 201680036317 A 20160627; DE 2016100289 W 20160627; EP 16739399 A 20160627; KR 20177037389 A 20160627; US 201615579799 A 20160627