

Title (en)
ELECTRIC CONTACT ARRANGEMENT

Title (de)
ELEKTRISCHE KONTAKTANORDNUNG

Title (fr)
ARRANGEMENT DE CONTACT ELECTRIQUE

Publication
EP 1593138 B1 20090408 (DE)

Application
EP 03815822 A 20031216

Priority
• DE 0304235 W 20031216
• DE 10306539 A 20030213

Abstract (en)
[origin: WO2004073007A1] The invention relates to an electric contact arrangement (100, 200, 300, 400, 506 a, b) consisting of a first contact piece (101, 201, 301, 401) and a second contact piece (102, 202, 302, 402). Said first contact piece (101, 201, 301, 401) is electroconductively connected to the second contact piece (102, 202, 302, 402) by means of a coupling contact piece (105, 203, 304, 403). The electrical connection of the contact pieces (101, 201, 301, 401; 102, 202, 302, 402) is carried out by means of the coupling contact piece (105, 203, 304, 403) in such a way that one convex section is placed in the contact areas (110, 204, 305, 404; 111, 205, 306, 405; 108, 206, 307, 406; 109, 207, 308, 407) at least with respect to a plane. Said coupling contact piece (105, 203, 304, 403) is arranged on a thrust bearing (112, 208, 309, 408) in such a way that it is slidable.

IPC 8 full level
H01H 33/02 (2006.01); **H01H 1/58** (2006.01); **H01H 9/08** (2006.01); **H01H 33/24** (2006.01); **H01R 13/631** (2006.01); **H02B 13/035** (2006.01); **H01R 4/50** (2006.01)

CPC (source: EP)
H01H 1/5866 (2013.01); **H01H 9/08** (2013.01); **H01H 33/025** (2013.01); **H01H 33/24** (2013.01); **H01R 13/6315** (2013.01); **H01R 4/5058** (2013.01)

Cited by
FR3049399A1

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
WO 2004073007 A1 20040826; CN 1316527 C 20070516; CN 1748277 A 20060315; DE 10306539 B3 20040923; DE 50311405 D1 20090520; EP 1593138 A1 20051109; EP 1593138 B1 20090408; RU 2005128502 A 20060410; RU 2322739 C2 20080420

DOCDB simple family (application)
DE 0304235 W 20031216; CN 200380109672 A 20031216; DE 10306539 A 20030213; DE 50311405 T 20031216; EP 03815822 A 20031216; RU 2005128502 A 20031216