

Title (en)  
Electrical contact coupling

Title (de)  
Elektrokontaktkupplung

Title (fr)  
Coupleur de contact électrique

Publication  
**EP 1378416 B1 20051102 (DE)**

Application  
**EP 03013973 A 20030620**

Priority  
DE 10230379 A 20020705

Abstract (en)  
[origin: EP1378416A1] The contact device has first (14) and second (42) housings. The first socket (40) which plugs into the second socket (44) is rotationally symmetrical and has many small spring hooks which engage inside the second housing. The first housing has eight pins which engage in eight sockets in the second housing. Each socket has an array of contact tags (58,104) connected to wires.

IPC 1-7  
**B61G 5/10**; **H01R 24/02**; **H01R 43/26**

IPC 8 full level  
**B61G 5/10** (2006.01); **H01R 24/02** (2006.01)

CPC (source: EP US)  
**B61G 5/10** (2013.01 - EP US); **H01R 24/38** (2013.01 - EP US); **H01R 2107/00** (2013.01 - EP US)

Cited by  
FR3044866A1; CN114069364A; FR2985487A1; WO2016016005A1; WO2019042613A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1378416 A1 20040107**; **EP 1378416 B1 20051102**; AT E308442 T1 20051115; CN 100338826 C 20070919; CN 1482713 A 20040317; DE 10230379 A1 20040115; DE 50301533 D1 20051208; HK 1064513 A1 20050128; PL 205043 B1 20100331; PL 360968 A1 20040112; US 2004053528 A1 20040318; US 6935881 B2 20050830

DOCDB simple family (application)  
**EP 03013973 A 20030620**; AT 03013973 T 20030620; CN 03146251 A 20030704; DE 10230379 A 20020705; DE 50301533 T 20030620; HK 04107130 A 20040917; PL 36096803 A 20030630; US 61323203 A 20030703