

Title (en)

Plug connector for connection with a battery terminal

Title (de)

Steckverbinder zum Kontaktieren eines Pols einer Batterie

Title (fr)

Connecteur à fiche pour contacter une borne de batterie

Publication

EP 1439610 A3 20050622 (EN)

Application

EP 04000754 A 20040115

Priority

- EP 04000754 A 20040115
- EP 03001122 A 20030120

Abstract (en)

[origin: EP1439610A2] The invention relates to a plug connector for making an electrical connection with a battery terminal. The plug connector comprises a housing formed by joining an upper shell and a lower shell with a contact lying within the housing. The contact has a helical spring contact and a contact strip bent to form a cylindrical region. The upper shell and the lower shell each have a holding element extending within the cylindrical region formed by the contact strip, in order to form a recess for holding the helical spring contact. <IMAGE>

IPC 1-7

H01R 11/28

IPC 8 full level

H01R 11/28 (2006.01); **H01R 13/187** (2006.01)

CPC (source: EP)

H01R 11/282 (2013.01); **H01R 13/187** (2013.01)

Citation (search report)

[A] DE 19718448 A1 19981105 - HTS ELEKTROTECH GMBH & CO KG [DE]

Cited by

US9059542B2; CN103858282A; EP1737082A3; EP2830161A1; US9225116B2; US9190784B1; WO2013052571A1; US9077114B2; US8608506B2; US9873392B2; DE102014212271A1; WO2015197349A1

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 1439610 A2 20040721; EP 1439610 A3 20050622

DOCDB simple family (application)

EP 04000754 A 20040115