

Title (en)
FEMALE ELECTRICAL CONTACT COMPRISING SPRING CONTACT PLATES

Title (de)
ELEKTRISCHER NEGATIV-KONTAKT MIT FEDERKONTAKTPLATTEN

Title (fr)
CONTACT ELECTRIQUE FEMELLE A LAMES DE CONTACT RESSORT

Publication
EP 1851835 A1 20071107 (FR)

Application
EP 06706530 A 20060131

Priority
• EP 2006000843 W 20060131
• FR 0550385 A 20050209

Abstract (en)
[origin: WO2006084608A1] The invention relates to a female electrical contact comprising a housing which is cut and folded from a metal strip and which comprises at least one contact plate (2) which extends along the longitudinal axis (A) of the housing and which is equipped with a section (3) that is in contact with a complementary contact pin (4). According to the invention, the contact plate comprises a part (5) for connecting to the housing and a free end. The invention also comprises a spring element (7) which is cut from the extension of the contact plate prior to folding, such as to form a counter plate after folding. The spring element (7) and the plate (2) are provided, for example, on either side of the above-mentioned connection part (5).

IPC 8 full level
H01R 43/16 (2006.01); **H01R 13/11** (2006.01)

CPC (source: EP KR US)
H01R 13/11 (2013.01 - EP KR US); **H01R 43/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2006084608A1

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

DOCDB simple family (publication)
WO 2006084608 A1 20060817; AT E418170 T1 20090115; CN 101133527 A 20080227; CN 101133527 B 20100519; DE 602006004312 D1 20090129; EP 1851835 A1 20071107; EP 1851835 B1 20081217; ES 2317493 T3 20090416; JP 2008530744 A 20080807; JP 5138385 B2 20130206; KR 101121255 B1 20120323; KR 20070104648 A 20071026; PL 1851835 T3 20090630; US 2010130075 A1 20100527; US 8043130 B2 20111025

DOCDB simple family (application)
EP 2006000843 W 20060131; AT 06706530 T 20060131; CN 200680007135 A 20060131; DE 602006004312 T 20060131; EP 06706530 A 20060131; ES 06706530 T 20060131; JP 2007554472 A 20060131; KR 20077020337 A 20060131; PL 06706530 T 20060131; US 88410806 A 20060131