

Title (en)
Hermaphroditic electrical contact

Title (de)
Elektrischer Zwitterkontakt

Title (fr)
Contact électrique hermaphrodite

Publication
EP 2360792 A3 20120307 (FR)

Application
EP 11159090 A 20070924

Priority
• EP 07818367 A 20070924
• FR 2006050928 W 20060922

Abstract (en)
[origin: WO2008034957A1] Electrical contact (1, 1a) having a longitudinal axis (x) along which a connection termination (2, 2a), a central body (3, 3a) and a contact termination (4, 4a) are produced in succession. The contact termination comprises a first plurality of blades (5, 5a) that extend generally in the longitudinal direction of the electrical contact. Said blades, extending the central body, are separated by recesses so as to be imbricated in recesses between complementary blades of a complementary electrical contact (1b), which itself comprises a central body and a second plurality of blades (5b), generally extending in the longitudinal direction of the second contact, extending the central body of the second contact and fitting between the blades of the first plurality of blades (5a), said first and second plurality of blades (5a, 5b) producing an electrical contact with internal walls of the central bodies (3a, 3b). It may include an attached cage element suitable for sliding over the central body (3) between a blade protection position and a set-back disengagement position.

IPC 8 full level
H01R 13/28 (2006.01); **H01R 13/05** (2006.01)

CPC (source: EP US)
H01R 13/05 (2013.01 - EP US); **H01R 13/28** (2013.01 - EP US)

Citation (search report)
• [X] DE 1914940 A1 19691106 - INT STANDARD ELECTRIC CORP
• [X] US 1975244 A 19341002 - WISEMAN JOHN T

Cited by
DE102016114179A1; WO2018024462A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008034957 A1 20080327; AT E503288 T1 20110415; CN 101578740 A 20091111; CN 101578740 B 20120822; CN 102324644 A 20120118; CN 102324644 B 20130911; DE 602007013468 D1 20110505; EP 2104961 A2 20090930; EP 2104961 B1 20110323; EP 2360792 A2 20110824; EP 2360792 A3 20120307; EP 2360792 B1 20121205; ES 2364162 T3 20110826; ES 2401174 T3 20130417; US 2009311898 A1 20091217; US 7794257 B2 20100914; WO 2008034639 A2 20080327; WO 2008034639 A3 20090625

DOCDB simple family (application)
FR 2006050928 W 20060922; AT 07818367 T 20070924; CN 200780035166 A 20070924; CN 201110152240 A 20070924; DE 602007013468 T 20070924; EP 07818367 A 20070924; EP 11159090 A 20070924; EP 2007008280 W 20070924; ES 07818367 T 20070924; ES 11159090 T 20070924; US 31117207 A 20070924