

Title (en)
Electric connector

Title (de)
Elektrischer Verbinder

Title (fr)
Connecteur électrique

Publication
EP 1850418 B1 20110817 (DE)

Application
EP 07007567 A 20070413

Priority
DE 102006019655 A 20060425

Abstract (en)
[origin: EP1850418A2] The connector has an insulation material housing (8) providing a connection space (7) for disposition. A contact pin (3) and an electrical conductor (9) are insertable adjacent to one another in parallel direction, and overlaps with its axial lengths. The conductor has a constructive approved adjustment area transverse to its longitudinal axis. A flat spring (11) of the conductor-clamp connection of the conductor actuates in the direction of the contact pin.

IPC 8 full level
H01R 4/50 (2006.01); **H01R 4/48** (2006.01); **H01R 12/58** (2011.01)

CPC (source: EP US)
H01R 4/48185 (2023.08 - EP US); **H01R 4/48275** (2023.08 - EP US); **H01R 12/58** (2013.01 - EP US); **H01R 12/716** (2013.01 - EP US); **H01R 13/15** (2013.01 - EP US); **H01R 4/185** (2013.01 - EP US); **H01R 9/2416** (2013.01 - EP US); **H01R 12/515** (2013.01 - EP US)

Citation (examination)
DE 19803085 A1 19990805 - METZ ALBERT RIA ELECTRONIC [DE]

Cited by
CN104704681A; EP3439113A4; DE102016002135A1; WO2017089071A1; EP2800206A1

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)
EP 1850418 A2 20071031; EP 1850418 A3 20081217; EP 1850418 B1 20110817; AT E521107 T1 20110915; AT E535964 T1 20111215; CN 101064383 A 20071031; CN 101064383 B 20101124; DE 102007018443 A1 20071129; DE 102007018443 B4 20131121; EP 2246938 A1 20101103; EP 2246938 B1 20111130; ES 2374600 T3 20120220; ES 2382291 T3 20120607; JP 2007294467 A 20071108; JP 4565399 B2 20101020; TW 200812176 A 20080301; TW 201205997 A 20120201; TW I351799 B 20111101; TW I449281 B 20140811; US 2007259577 A1 20071108; US 2010190386 A1 20100729; US 7704095 B2 20100427; US 7845970 B2 20101207

DOCDB simple family (application)
EP 07007567 A 20070413; AT 07007567 T 20070413; AT 10008601 T 20070413; CN 200710102632 A 20070424; DE 102007018443 A 20070419; EP 10008601 A 20070413; ES 07007567 T 20070413; ES 10008601 T 20070413; JP 2007134744 A 20070420; TW 100126924 A 20070412; TW 96112794 A 20070412; US 72081210 A 20100310; US 78944507 A 20070424