

Title (en)
Hermaphrodite plug-in connector

Title (de)
Hermaphroditischer Steckverbinder

Title (fr)
Connecteur à fiches hermaphrodite

Publication
EP 2058904 A2 20090513 (DE)

Application
EP 08019500 A 20081107

Priority
DE 102007053722 A 20071110

Abstract (en)
The plug-in connector (1) has hermaphrodite contact support modules (7) arranged adjacent to each other in plug-in connector housing (3). The housing is made of two hermaphrodite housing half-shells (4) e.g. housing lower part. The half-shells possess respective upper sidewalls, where wall bases projects out from the upper sidewalls. Stop notch plates are arranged at the wall bases. Latching lugs are arranged at outer sides in openings of the upper sidewalls. A hermaphrodite contact of the housing is directed above resilient contact tongues running parallel to each other.

Abstract (de)
Die Erfindung betrifft einen Hermaphroditischen Steckverbinder, umfassend ein Steckverbindergehäuse mit mindestens einem hermaphroditischen Kontakt, wobei das Steckverbindergehäuse aus zwei hermaphroditischen Gehäusehalbschalen besteht.

IPC 8 full level
H01R 13/28 (2006.01); **H01R 24/84** (2011.01); **H01R 13/506** (2006.01); **H01R 13/514** (2006.01)

CPC (source: EP)
H01R 13/28 (2013.01); **H01R 13/506** (2013.01); **H01R 24/84** (2013.01); **H01R 13/514** (2013.01)

Citation (applicant)
• DE 1177231 B 19640903 - HARTING ELEKTRO W, et al
• EP 0681345 A1 19951108 - CINCH CONNECTEURS SA [FR]
• DE 2538395 A1 19760311 - AMP INC
• DE 1947356 B2 19730920
• US 5183409 A 19930202 - CLEVER ERIC [US], et al

Cited by
EP2854239A1; CN106104939A; CN107683552A; GB2552871A; GB2552871B; CN102437469A; CN114498168A; CN110148854A; US9246286B2; US9685727B2; WO2016096108A1; US9551483B1; WO2017003751A1; EP3014707B1; EP3014707B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2058904 A2 20090513; **EP 2058904 A3 20110817**; **EP 2058904 B1 20161019**; DE 102007053722 A1 20090520;
DE 102007053722 B4 20110825

DOCDB simple family (application)
EP 08019500 A 20081107; DE 102007053722 A 20071110