

Title (en)
Electrical connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 2568538 A1 20130313 (EN)

Application
EP 11180272 A 20110906

Priority
EP 11180272 A 20110906

Abstract (en)
An electrical connector including a housing (11) provided thereon with an opening (12) through which a flat circuit device (13) is inserted into the housing (11), a plurality of conductive contacts (14) arranged on the housing (11), and a holding member (16;17) formed in a body on the housing (11) to be operative to hold the flat circuit device (13) inserted in the housing (13) and then to release the flat circuit device (13) from holding by the holding member (16;17), wherein the holding member (16;17) has a movable arm portion (21;30) extending from an inside surface portion (20) of the housing (11), and the movable arm portion (21;30) is provided thereon with an engaging portion (24;31) operative to engage with the flat circuit device (13) inserted in the housing (11) for holding the same and a releasing portion (25;32) protruding from the movable arm portion (21;30) through an aperture (26;27) provided on the housing (11) toward the outside of the housing (11) and is operative to move the movable arm portion (21;30) for disengaging the engaging portion (24;31) from the flat circuit device (13) so that the flat circuit device (13) is released when the releasing portion (25;32) is manipulated to be shifted in position.

IPC 8 full level
H01R 12/70 (2011.01); **H01R 12/77** (2011.01); **H01R 12/79** (2011.01)

CPC (source: EP)
H01R 12/774 (2013.01); **H01R 12/79** (2013.01); **H01R 12/707** (2013.01)

Citation (applicant)
• JP H08180940 A 19960712 - AMP JAPAN
• JP 2004165046 A 20040610 - HIROSE ELECTRIC CO LTD

Citation (search report)
• [X] JP 2009231069 A 20091008 - HONDA TSUSHIN KOGYO CO LTD
• [X] JP H11273788 A 19991008 - DAIICHI DENSHI KOGYO
• [A] US 6089905 A 20000718 - SHIMMYO MINORU [JP], et al
• [A] JP 2008192574 A 20080821 - SMK KK

Cited by
CN106856282A; EP3345249A4; US10305209B2; WO2017039543A1; US10530082B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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