

Title (en)
CONNECTOR

Title (de)
STECKVERBINDER

Title (fr)
CONNECTEUR À FICHES

Publication
EP 2756557 B1 20200513 (DE)

Application
EP 12758826 A 20120906

Priority
• EP 11181039 A 20110913
• EP 2012067437 W 20120906
• EP 12758826 A 20120906

Abstract (en)
[origin: EP2571109A1] The connector has a socket side (1) with an insulating socket housing (10) receiving socket elements (2) having socket portions (20) and contact portions for connecting to a multipolar cable. A wall (32) extends from a contact surface (31) of a plug housing (30) or the socket housing, where the wall partly surrounds pin portions (40) of plug elements (4). The socket portions or the pin portions lie in an opening (12), where the cross-section of the wall perpendicular to a plug direction (S) matches the cross-section of the opening, and the wall protrudes into the opening in a plugged state.

IPC 8 full level
H01R 13/629 (2006.01); **H01R 13/645** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP US)
H01R 13/04 (2013.01 - US); **H01R 13/10** (2013.01 - US); **H01R 13/629** (2013.01 - EP US); **H01R 13/64** (2013.01 - US);
H01R 13/6456 (2013.01 - EP US); **H01R 2107/00** (2013.01 - EP US)

Citation (examination)
• US 5380217 A 19950110 - YAGI SAKAI [JP], et al
• WO 2011015915 A1 20110210 - PANASONIC ELEC WORKS CO LTD [JP], et al

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

DOCDB simple family (publication)
EP 2571109 A1 20130320; CN 103797655 A 20140514; CN 103797655 B 20160817; EP 2756557 A1 20140723; EP 2756557 B1 20200513;
KR 20140059798 A 20140516; US 2015171554 A1 20150618; US 9270054 B2 20160223; WO 2013037699 A1 20130321

DOCDB simple family (application)
EP 11181039 A 20110913; CN 201280044630 A 20120906; EP 12758826 A 20120906; EP 2012067437 W 20120906;
KR 20147006216 A 20120906; US 201214344546 A 20120906