

Title (en)

QUICK-FIT CONNECTION SOCKET FOR MULTI-CONDUCTOR CABLE

Title (de)

SCHNELLKUPPLUNGS-VERBINDUNGSSTUTZEN FÜR EIN MEHRLEITERKABEL

Title (fr)

PRISE DE RACCORDEMENT A MONTAGE RAPIDE POUR CABLE MULTICONDUCTEUR

Publication

EP 2095468 A1 20090902 (FR)

Application

EP 07870311 A 20071120

Priority

- FR 2007001905 W 20071120
- FR 0611324 A 20061222

Abstract (en)

[origin: FR2910729A1] The socket has a screw (3) integrated to a removable comb (1) and freely rotating with respect to the comb around a longitudinal axis (X). A terminal block (2) has two columns (22) axially projected from frontal surface (20). A nut (4) has end surfaces and helical notches (41) placed in the columns, where each column forms a rotation stop that blocks the rotation of the comb around the axis. A polarizing slot (23) is arranged on the frontal surface of the block. The comb, screw, and terminal block have elements that are formed by molding of thermoplastic material.

IPC 8 full level

H01R 4/24 (2006.01)

CPC (source: EP US)

H01R 4/2433 (2013.01 - EP US)

Citation (search report)

See references of WO 2008081087A1

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)

FR 2910729 A1 20080627; FR 2910729 B1 20090227; CL 2007003679 A1 20080530; CN 101595602 A 20091202; CN 101595602 B 20110810; EP 2095468 A1 20090902; EP 2095468 B1 20170524; RU 2009128219 A 20110127; RU 2447554 C2 20120410; US 2010190372 A1 20100729; US 7905743 B2 20110315; WO 2008081087 A1 20080710

DOCDB simple family (application)

FR 0611324 A 20061222; CL 2007003679 A 20071218; CN 200780047134 A 20071120; EP 07870311 A 20071120; FR 2007001905 W 20071120; RU 2009128219 A 20071120; US 51954107 A 20071120