

Title (en)
Connector

Title (de)
Steckverbinder

Title (fr)
Connecteur

Publication
EP 2280453 B1 20140820 (DE)

Application
EP 10007730 A 20100726

Priority
DE 102009035716 A 20090731

Abstract (en)
[origin: EP2280453A1] The connector (1) has a conductor-connection space (4) provided with a spring element (3) and assigned to a spring loaded clamping connector. A contact pin-insertion opening (8) exhibits a breadth of passage (9) over length in an extension direction in an area outside a clamping end (12) towards a housing side (5) and underneath a clamping end (12) towards another housing side (7). The former breadth is less than breadth between opposite side walls of the conductor-connection space that is limited at a passage at the contact pin-insertion opening.

IPC 8 full level
H01R 4/48 (2006.01); **H01R 13/50** (2006.01)

CPC (source: EP US)
H01R 4/48185 (2023.08 - US); **H01R 4/4846** (2023.08 - EP); **H01R 13/50** (2013.01 - EP US); **H01R 4/4821** (2023.08 - EP);
H01R 4/4842 (2023.08 - EP)

Cited by
CN105470670A; US9373904B2; US9474178B2; WO2014012822A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2280453 A1 20110202; EP 2280453 B1 20140820; BR PI1003257 A2 20120410; BR PI1003257 B1 20191015; CN 101989703 A 20110323; CN 101989703 B 20150415; DE 102009035716 A1 20110203; DE 102009035716 B4 20140327; ES 2523244 T3 20141124; JP 2011034972 A 20110217; JP 5539809 B2 20140702; RU 2010132193 A 20120210; RU 2528171 C2 20140910; TW 201112510 A 20110401; TW I520446 B 20160201; US 2011028050 A1 20110203; US 7988504 B2 20110802

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EP 10007730 A 20100726; BR PI1003257 A 20100727; CN 201010243768 A 20100802; DE 102009035716 A 20090731; ES 10007730 T 20100726; JP 2010174844 A 20100716; RU 2010132193 A 20100730; TW 99124020 A 20100721; US 84320610 A 20100726