

Title (en)
PLUG CONNECTOR

Title (de)
STECKVERBINDER

Title (fr)
CONNECTEUR

Publication
EP 2783427 A1 20141001 (DE)

Application
EP 13776723 A 20131009

Priority
• DE 102013008264 A 20130515
• EP 2013003025 W 20131009

Abstract (en)
[origin: WO2014075751A1] Plug connector (1) for an electrical and/or optical plug connection, wherein the plug connector (1) comprises a first plug component (2) and a second plug component (3), the first plug component (2) has an elongate plug-in portion (4) and the second plug component (3) has an elongate receiving jacket portion (5) with an insertion opening (6), and, in a position in which the first and second plug components (2, 3) are completely plugged one into the other, the plug-in portion (4) is inserted into the receiving jacket portion (5) through the insertion opening (6); the plug connector (1) also comprises locking means (8) including a locking pin (9) for locking together the first and second plug components (2, 3), the locking pin (9) being located inside the receiving jacket portion (5) and/or the plug-in portion (4) in the completely plugged-in position and being movable between the locking position and the unlocking position on a path of movement with a tangential component, viewed from the longitudinal centre line (7).

IPC 8 full level
H01R 13/627 (2006.01)

CPC (source: CN EP US)
H01R 13/6275 (2013.01 - CN EP US)

Citation (search report)
See references of WO 2014075751A1

Cited by
EP4191803A1

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)
WO 2014075751 A1 20140522; CN 104303375 A 20150121; CN 104303375 B 20180605; DE 102013008264 A1 20141120; EP 2783427 A1 20141001; EP 2783427 B1 20151223; ES 2561053 T3 20160224; JP 2015506545 A 20150302; JP 5777824 B2 20150909; PL 2783427 T3 20160630; US 2015044898 A1 20150212; US 9401565 B2 20160726

DOCDB simple family (application)
EP 2013003025 W 20131009; CN 201380009699 A 20131009; DE 102013008264 A 20130515; EP 13776723 A 20131009; ES 13776723 T 20131009; JP 2014549501 A 20131009; PL 13776723 T 20131009; US 201314381026 A 20131009