

Title (en)  
PLUG CONNECTOR ASSEMBLY WITH CODING

Title (de)  
STECKVERBINDUNGSANORDNUNG MIT KODIERUNG

Title (fr)  
SYSTÈME DE CONNEXION AVEC CODAGE

Publication  
**EP 3323176 A1 20180523 (DE)**

Application  
**EP 16729495 A 20160616**

Priority  
• DE 202015005042 U 20150714  
• EP 2016001005 W 20160616

Abstract (en)  
[origin: CA2989908A1] The invention relates to a plug connector assembly (10) comprising at least one first and a second plug connector (22, 23) and a slot assembly (11) with at least one first and a second slot (12, 13) for inserting the plug connector (22, 23). Two or more conductors (32) which are stranded over a specified first lay length are connected to the first plug connector (22), and two or more conductors (33) which are stranded over a specified second lay length are connected to the second plug connector (23). The plug connector assembly comprises a coding mechanism which allows the first plug connector (22) to be plugged into the first slot but not into the second slot and which allows the second plug connector (23) to be plugged into the second slot but not into the first slot.

IPC 8 full level  
**H01R 13/645** (2006.01); **H01R 13/6463** (2011.01)

CPC (source: EP KR US)  
**H01R 13/518** (2013.01 - EP US); **H01R 13/642** (2013.01 - US); **H01R 13/6456** (2013.01 - EP KR US); **H01R 13/6463** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2017008876A1

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)  
**DE 202015005042 U1 20150909**; CA 2989908 A1 20170119; CN 107851936 A 20180327; CN 107851936 B 20200211;  
EP 3323176 A1 20180523; EP 3323176 B1 20191023; JP 2018521479 A 20180802; KR 20180026728 A 20180313; US 10389066 B2 20190820;  
US 2018198236 A1 20180712; WO 2017008876 A1 20170119

DOCDB simple family (application)  
**DE 202015005042 U 20150714**; CA 2989908 A 20160616; CN 201680041397 A 20160616; EP 16729495 A 20160616;  
EP 2016001005 W 20160616; JP 2018501264 A 20160616; KR 20187000853 A 20160616; US 201615743878 A 20160616