

Title (en)
PLUG CONNECTOR HOUSINGS

Title (de)
STECKVERBINDERGEHÄUSE

Title (fr)
BOÎTIERS DE CONNECTEUR ENFICHABLE

Publication
EP 3577726 B1 20210818 (DE)

Application
EP 18702900 A 20180115

Priority
• DE 102017101870 A 20170131
• DE 2018100022 W 20180115

Abstract (en)
[origin: WO2018141326A1] The problem addressed by the invention consists in specifying a structural form for a plug connector housing having a socket housing (1) and having a screw attachment (2) held rotatably thereon, which ensures increased stability with respect to tensile and lever forces (F), in particular under the action of vibration and regular and/or individually occurring shocks. Said problem is solved by means of a plug connector housing having a socket housing (1) and a screw attachment (2), wherein the socket housing (1) has an outer surface of circular cross section with an encircling first groove (11) formed therein, and wherein the screw attachment (2) has an inner surface of circular cross section with an encircling second groove (22) formed therein, and wherein the plug connector housing furthermore has a circlip (5) which is arranged with its inner circumference in the first groove (11) and with its outer circumference in the second groove (22) in order to hold the screw attachment (2) rotatably on the socket housing (1).

IPC 8 full level
H01R 13/622 (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP KR US)
H01R 4/304 (2013.01 - KR); **H01R 13/508** (2013.01 - US); **H01R 13/52** (2013.01 - KR); **H01R 13/5202** (2013.01 - KR US); **H01R 13/5219** (2013.01 - KR); **H01R 13/622** (2013.01 - EP KR US); **H01R 13/639** (2013.01 - KR US); **H01R 9/0521** (2013.01 - US); **H01R 9/0524** (2013.01 - US); **H01R 13/506** (2013.01 - EP); **H01R 13/508** (2013.01 - EP); **H01R 13/5202** (2013.01 - EP); **H01R 13/5219** (2013.01 - US); **H01R 13/625** (2013.01 - US); **H01R 13/6277** (2013.01 - US)

Citation (examination)
DE 202013012011 U1 20150203 - HARTING ELECTRONICS GMBH [DE]

Cited by
WO2024042056A1

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)
DE 102017101870 A1 20180802; CN 110235313 A 20190913; CN 110235313 B 20210226; EP 3577726 A1 20191211; EP 3577726 B1 20210818; KR 102197256 B1 20210105; KR 20190108157 A 20190923; US 10665987 B2 20200526; US 2019348798 A1 20191114; WO 2018141326 A1 20180809

DOCDB simple family (application)
DE 102017101870 A 20170131; CN 201880009493 A 20180115; DE 2018100022 W 20180115; EP 18702900 A 20180115; KR 20197025196 A 20180115; US 201816475467 A 20180115