

Title (en)
PLUG SYSTEM HAVING LOW-WEAR CONTACTING

Title (de)
STECKSYSTEM MIT VERSCHLEISSARMER KONTAKTIERUNG

Title (fr)
SYSTÈME D'ENFICHAGE AVEC MISE EN CONTACT À FAIBLE USURE

Publication
EP 3286805 A1 20180228 (DE)

Application
EP 16717257 A 20160419

Priority
• DE 202015003001 U 20150423
• EP 2016000635 W 20160419

Abstract (en)
[origin: CA2980654A1] The invention relates to a plug system (100) comprising a plug part (10) having at least one contact element (30), and comprising a counter plug part (20) having at least one contact point (44) on a contact carrier surface (42) running approximately parallel to an insertion direction (S), wherein the plug part (10) can be plugged in the plug-in direction (S) into the counter plug part (20), and the at least one contact element (30) is in electrical contact with the contact point (44) in an end position (II), wherein the counter plug part has a counter pressure surface (52) facing the contact carrier surface (42) at least partially in a pressing direction (H) running transversely to the plug-in direction, wherein the contact carrier surface (42) is retained on the counter plug part (20) such that it moves in the plug-in direction (S) relative to the counter pressure surface (52).

IPC 8 full level
H01R 12/72 (2011.01); **H01R 12/89** (2011.01); **H01R 13/193** (2006.01)

CPC (source: CN EP KR US)
H01R 12/72 (2013.01 - CN EP KR US); **H01R 12/89** (2013.01 - CN EP KR US); **H01R 13/193** (2013.01 - CN EP KR US)

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 202015003001 U1 20150625; CA 2980654 A1 20161027; CN 107667452 A 20180206; CN 107667452 B 20181009; EP 3286805 A1 20180228; EP 3286805 B1 20190313; JP 2018514066 A 20180531; KR 102313913 B1 20211018; KR 20170139550 A 20171219; US 10389052 B2 20190820; US 2018109020 A1 20180419; WO 2016169647 A1 20161027

DOCDB simple family (application)
DE 202015003001 U 20150423; CA 2980654 A 20160419; CN 201680023599 A 20160419; EP 16717257 A 20160419; EP 2016000635 W 20160419; JP 2017554869 A 20160419; KR 20177030549 A 20160419; US 201615567286 A 20160419