

Title (en)  
PLUG PART

Title (de)  
STECKERTEIL

Title (fr)  
CONNECTEUR

Publication  
**EP 2997628 A1 20160323 (DE)**

Application  
**EP 14714171 A 20140327**

Priority  
• DE 102013008266 A 20130515  
• EP 2014000822 W 20140327

Abstract (en)  
[origin: WO2014183821A1] A plug part (1, 2, 3, 4) which has at least one plug part housing (5) having at least one elongate plug region for establishing a plug connection with another plug part (1, 2, 3, 4) in a plug-in direction (6), wherein the plug region has at least one electrical and/or optical plug contact (7) for establishing at least an electrical and/or optical connection with the other plug part (1, 2, 3, 4), and at least one step (8) is arranged between the plug region and the rest of the plug part housing (9), wherein the plug part housing (5) is of integral design and the plug region has an outer contour (10), wherein the outer contour (10), apart from the ends (11, 12) thereof which are at the end faces as seen in the plug-in direction (6), is designed to be free of recesses (13) over the entire longitudinal extent thereof in the plug-in direction (6), or, when at least one recess (13) is present, said recess extends in each case in the direction parallel to the plug-in direction (6) at least as far as one of the end-face ends (11, 12) of the outer contour (10).

IPC 8 full level  
**H01R 13/50** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP US)  
**G02B 6/3817** (2013.01 - US); **G02B 6/3825** (2013.01 - US); **G02B 6/3865** (2013.01 - US); **G02B 6/3882** (2013.01 - US);  
**G02B 6/3893** (2013.01 - US); **H01R 13/50** (2013.01 - EP US); **H01R 13/6275** (2013.01 - EP US); **H01R 13/639** (2013.01 - US);  
**H01R 43/16** (2013.01 - US)

Citation (search report)  
See references of WO 2014183821A1

Citation (examination)  
• EP 1416588 A1 20040506 - NEUTRIK AG [LI]  
• US 5660558 A 19970826 - OSANAI YUTAKA [JP], et al  
• US 5163848 A 19921117 - MAEDA AKIRA [JP], et al  
• US 5330366 A 19940719 - TSUJI MASANORI [JP], et al  
• US 5131865 A 19920721 - TAGUCHI NAOTO [JP], et al

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 102013008266 A1 20141120**; CN 105229865 A 20160106; CN 105229865 B 20181106; EP 2997628 A1 20160323;  
HK 1215104 A1 20160812; JP 2016522967 A 20160804; US 2016085031 A1 20160324; US 9671567 B2 20170606;  
WO 2014183821 A1 20141120

DOCDB simple family (application)  
**DE 102013008266 A 20130515**; CN 201480027701 A 20140327; EP 14714171 A 20140327; EP 2014000822 W 20140327;  
HK 16103030 A 20160316; JP 2016513239 A 20140327; US 201414890634 A 20140327