

Title (en)  
PLUG-TYPE CONNECTOR HAVING PLUG-IN FORCE LIMITATION

Title (de)  
STECKVERBINDER MIT STECKKRAFTBEGRENZUNG

Title (fr)  
CONNECTEUR POURVU D'UN LIMITEUR DE FORCE D'INSERTION

Publication  
**EP 3078082 B1 20180214 (DE)**

Application  
**EP 14830503 A 20141203**

Priority  
• DE 102013113631 A 20131206  
• DE 2014100423 W 20141203

Abstract (en)  
[origin: WO2015081929A1] The invention relates to a plug-type connector of a known type, referred to as push-pull plug-type connector, wherein the plug-type connector consists of a main body for receiving contact means, a latching means and a first actuating means for actuating the latching means. The first actuating means is provided so as to be movable axially along the plug-in direction on the plug-type connector. The first actuating means is used for transferring the plug-in force exerted by the user onto the plug-type connector, the intensity of the force being limited, according to the invention, to a defined maximum in order to prevent damage to component parts. Furthermore, the latching means are actuated by moving the first actuating means in the direction opposite to the plug-in direction and the latched connection to the mating plug-type connector is released.

IPC 8 full level  
**H01R 13/627** (2006.01); **H01R 13/633** (2006.01); **H01R 13/641** (2006.01)

CPC (source: CN EP KR US)  
**H01R 13/6275** (2013.01 - EP KR US); **H01R 13/6335** (2013.01 - EP KR US); **H01R 13/639** (2013.01 - CN); **H01R 13/641** (2013.01 - EP KR US)

Cited by  
US11194103B2

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 102013113631 B3 20150423**; CN 105794050 A 20160720; CN 105794050 B 20180622; EP 3078082 A1 20161012;  
EP 3078082 B1 20180214; JP 2017509097 A 20170330; JP 6239116 B2 20171129; KR 101737289 B1 20170517; KR 20160093708 A 20160808;  
US 2016294115 A1 20161006; US 9570846 B2 20170214; WO 2015081929 A1 20150611

DOCDB simple family (application)  
**DE 102013113631 A 20131206**; CN 201480066597 A 20141203; DE 2014100423 W 20141203; EP 14830503 A 20141203;  
JP 2016536930 A 20141203; KR 20167017923 A 20141203; US 201414916540 A 20141203