

Title (en)  
PLUG-IN CONNECTOR

Title (de)  
STECKVERBINDER

Title (fr)  
CONNECTEUR ENFICHABLE

Publication  
**EP 3198686 A1 20170802 (DE)**

Application  
**EP 16775470 A 20161004**

Priority  
• DE 202015007010 U 20151007  
• EP 2016001634 W 20161004

Abstract (en)  
[origin: WO2017059950A1] The invention relates to a connector (2, 2a, 44a, 44b, 44c) for the HF signal-transmitting connection of two components (4a, 4b), in particular a board -o-board connector for the HF signal-transmitting connection of two circuit boards to each other, having a first connecting piece (6a) for fixing to the first component (4a) and having a second connecting piece (6) for fixing to the second component (4b), wherein, to form a latching connection for securing the connection, the first connecting piece (6a) and the second connecting piece (6b) each have a first latching means (14a, 14b), wherein the first end (10) is formed so as to be free of latching means and the second end (12) has a second latching means (16) formed to interact with the first latching means (14a, 14b).

IPC 8 full level  
**H01R 24/54** (2011.01); **H01R 12/70** (2011.01); **H01R 12/71** (2011.01); **H01R 12/73** (2011.01); **H01R 12/91** (2011.01); **H01R 13/627** (2006.01); **H01R 24/50** (2011.01); **H01R 103/00** (2006.01)

CPC (source: EP KR US)  
**H01R 12/7082** (2013.01 - EP KR US); **H01R 12/716** (2013.01 - EP KR US); **H01R 12/73** (2013.01 - KR US); **H01R 12/91** (2013.01 - EP KR US); **H01R 13/20** (2013.01 - US); **H01R 13/6275** (2013.01 - KR); **H01R 13/6277** (2013.01 - EP KR US); **H01R 24/50** (2013.01 - EP KR US); **H01R 24/542** (2013.01 - KR); **H01R 13/6275** (2013.01 - EP US); **H01R 24/542** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2017059950A1

Cited by  
WO2020099374A1; US11870168B2; US11715896B2; EP3671978A1; EP3627636B1; EP3627636B2

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 202015007010 U1 20151022**; CN 108140997 A 20180608; CN 108140997 B 20190628; EP 3198686 A1 20170802; EP 3198686 B1 20180321; JP 2018534733 A 20181122; JP 6881442 B2 20210602; KR 101938537 B1 20190411; KR 20180055834 A 20180525; US 10249968 B2 20190402; US 2018301834 A1 20181018; WO 2017059950 A1 20170413

DOCDB simple family (application)  
**DE 202015007010 U 20151007**; CN 201680053771 A 20161004; EP 16775470 A 20161004; EP 2016001634 W 20161004; JP 2018517382 A 20161004; KR 20187008864 A 20161004; US 201615735188 A 20161004