

Title (en)  
PLUG CONNECTOR

Title (de)  
STECKVERBINDER

Title (fr)  
CONNECTEUR

Publication  
**EP 3685474 A1 20200729 (DE)**

Application  
**EP 18768848 A 20180907**

Priority  
• DE 102017121937 A 20170921  
• EP 2018074198 W 20180907

Abstract (en)  
[origin: WO2019057524A1] A plug connector, having a housing (4), which has at least one insertion slot (6, 8, 10, 12) for holding an exchangeable functional module (14, 16, 18, 20), wherein the housing (4) is configured to hold a supply unit (22) and/or an locking unit in order to secure the functional module (14, 16, 18, 20) to the housing (4) in a form-fitting and/or force-fitting manner.

IPC 8 full level  
**H01R 9/24** (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP US)  
**H01R 9/2425** (2013.01 - EP); **H01R 9/2625** (2013.01 - EP); **H01R 13/6675** (2013.01 - US); **H01R 13/6683** (2013.01 - US); **H01R 13/6691** (2013.01 - US); **H01R 13/7175** (2013.01 - US); **H01R 29/00** (2013.01 - US); **H01R 9/24** (2013.01 - EP); **H01R 9/2408** (2013.01 - EP)

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 102017121937 A1 20190321**; **DE 102017121937 B4 20240725**; CN 111149259 A 20200512; CN 111149259 B 20210709; EP 3685474 A1 20200729; US 2020259301 A1 20200813; WO 2019057524 A1 20190328

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**DE 102017121937 A 20170921**; CN 201880061520 A 20180907; EP 18768848 A 20180907; EP 2018074198 W 20180907; US 201816649536 A 20180907