

Title (en)  
LARGE CONDUCTOR INDUSTRIAL PLUG

Title (de)  
INDUSTRIESTECKER MIT HOHEM LEITWERT

Title (fr)  
FICHE INDUSTRIELLE À GRAND CONDUCTEUR

Publication  
**EP 3453082 A4 20200101 (EN)**

Application  
**EP 17793338 A 20170504**

Priority  
• US 201662331485 P 20160504  
• US 2017031055 W 20170504

Abstract (en)  
[origin: CN109417255A] A communication plug including a plug body, a cavity in the plug body, the cavity having a first portion, a second portion and a third portion, a load bar having a plurality of openings on a front face of the load bar, where the cavity is sized to engage the load bar such that the load bar directs at least one wire inserted into a corresponding opening in the load bar into channels in the plug.

IPC 8 full level  
**H01R 24/64** (2011.01); **H01R 13/629** (2006.01)

CPC (source: EP US)  
**H01R 13/5816** (2013.01 - EP); **H01R 13/582** (2013.01 - US); **H01R 24/64** (2013.01 - US); **H01R 13/5837** (2013.01 - EP);  
**H01R 24/64** (2013.01 - EP); **H01R 2107/00** (2013.01 - US)

Citation (search report)  
• [X] US 6439920 B1 20020827 - CHEN MICHAEL [TW]  
• [A] SENTINEL: "Sentinel RJ45 CAT5 CAT6 Load bar Modular connector", 17 April 2012 (2012-04-17), pages 1, XP055645740, Retrieved from the Internet <URL:<http://www.sentinelconn.com/pdf/111-08080090L34.pdf>> [retrieved on 20191122]  
• See references of WO 2017192848A1

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)  
CN 109417255 A 20190301; CN 109417255 B 20210416; EP 3453082 A1 20190313; EP 3453082 A4 20200101

DOCDB simple family (application)  
CN 201780027342 A 20170504; EP 17793338 A 20170504