

Title (en)

MODULAR CONNECTOR FOR CIRCUIT BOARDS

Title (de)

MODULARER STECKVERBINDER FÜR LEITERPLATTEN

Title (fr)

CONNECTEUR MODULAIRE POUR CARTES DE CIRCUITS IMPRIMÉS

Publication

EP 3673539 A1 20200701 (DE)

Application

EP 18762000 A 20180809

Priority

- DE 102017119287 A 20170823
- DE 2018100702 W 20180809

Abstract (en)

[origin: WO2019037815A1] The invention relates to a connector (1), in particular a modular connector, for installation on a circuit board. The connector (1) can be assembled from a plurality of connector modules (2), each connector module (2) consisting of at least one part. The plug connector modules (2) have an insertion side and a connection side, and either the insertion side can be installed on the circuit board or contacts a connection side of a counterpart connector module. According to the invention, the connector modules (2) can be connected by means of at least one connector (3). In this way, modular connectors can also be mounted on a circuit board.

IPC 8 full level

H01R 13/514 (2006.01); **H01R 12/72** (2011.01); **H01R 13/518** (2006.01)

CPC (source: EP US)

H01R 12/724 (2013.01 - US); **H01R 13/514** (2013.01 - EP US); **H01R 13/518** (2013.01 - EP US); **H01R 9/26** (2013.01 - US); **H01R 9/2608** (2013.01 - US); **H01R 12/724** (2013.01 - EP)

Citation (search report)

See references of WO 2019037815A1

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)

WO 2019037815 A1 20190228; CN 111033909 A 20200417; CN 111033909 B 20220715; DE 102017119287 A1 20190228; DE 102017119287 B4 20190808; EP 3673539 A1 20200701; US 11139609 B2 20211005; US 2020176918 A1 20200604

DOCDB simple family (application)

DE 2018100702 W 20180809; CN 201880054500 A 20180809; DE 102017119287 A 20170823; EP 18762000 A 20180809; US 201816638414 A 20180809