

Title (en)

MULTI-PART PRINTED CIRCUIT BOARD ADAPTER PLUG

Title (de)

MEHRTEILIGER LEITERPLATTENADAPTERSTECKER

Title (fr)

CONNECTEUR ADAPTATEUR EN PLUSIEURS PARTIES POUR CARTE DE CIRCUIT IMPRIMÉ

Publication

EP 3900117 A1 20211027 (DE)

Application

EP 19831646 A 20191216

Priority

- DE 102018132440 A 20181217
- EP 2019085380 W 20191216

Abstract (en)

[origin: WO2020127073A1] The invention relates to an adapter plug and connector for making electrically conductive contact between a printed circuit board and at least one further electrical component, having at least one contacting device for conducting current within the adapter plug, the adapter plug being in at least two parts and being geometrically constructed such that two insertion planes which are not parallel to each other are formed by the insertion directions. The invention also relates to a mounting method for making electrically conductive contact between a printed circuit board and at least one further electrical component.

IPC 8 full level

H01R 12/72 (2011.01); **H01R 13/502** (2006.01); **H01R 13/64** (2006.01)

CPC (source: EP US)

H01R 12/7076 (2013.01 - US); **H01R 12/72** (2013.01 - EP); **H01R 12/724** (2013.01 - EP US); **H01R 12/7064** (2013.01 - EP); **H01R 13/502** (2013.01 - EP US); **H01R 13/64** (2013.01 - EP); **H01R 24/86** (2013.01 - EP)

Citation (search report)

See references of WO 2020127073A1

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 102018132440 A1 20200618; **DE 102018132440 B4 20230504**; CN 113196577 A 20210730; EP 3900117 A1 20211027; US 11881645 B2 20240123; US 2022069492 A1 20220303; WO 2020127073 A1 20200625

DOCDB simple family (application)

DE 102018132440 A 20181217; CN 201980083795 A 20191216; EP 19831646 A 20191216; EP 2019085380 W 20191216; US 201917414205 A 20191216