

Title (en)

HIGH SPEED GROUNDED COMMUNICATION JACK

Title (de)

GEERDETE HOCHGESCHWINDIGKEITSKOMMUNIKATIONSBUCHSE

Title (fr)

CONNECTEUR FEMELLE DE COMMUNICATION GRANDE VITESSE MIS À LA TERRE

Publication

**EP 3453081 A4 20200122 (EN)**

Application

**EP 17793306 A 20170504**

Priority

- US 201615146019 A 20160504
- US 2017030968 W 20170504

Abstract (en)

[origin: WO2017192800A1] A method of manufacturing a high speed jack, the method including the steps of forming a housing including a port for accepting a plug, the port including a plurality of pins each connected to a corresponding signal line in the plug, forming a shielding case surrounding the housing, forming a top layer of a substrate, a first shielding layer on a first side of the top layer in the substrate, a second shielding layer adjacent the first shielding layer in the substrate, and forming a bottom layer adjacent to the second shielding layer, forming a plurality of first vias extending through the substrate with each first via being configured to accommodate a pin on the housing, forming a plurality of second vias extending through the substrate with each second via being configured to accommodate a pin on the housing.

IPC 8 full level

**H01R 13/6466** (2011.01); **H01R 13/6473** (2011.01); **H01R 13/6585** (2011.01); **H01R 24/64** (2011.01); **H01R 43/16** (2006.01); **H05K 1/02** (2006.01); **H05K 1/16** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP IL KR RU)

**H01R 13/6466** (2013.01 - EP IL RU); **H01R 13/6474** (2013.01 - IL KR RU); **H01R 13/6581** (2013.01 - EP IL KR RU); **H01R 13/66** (2013.01 - IL RU); **H01R 13/6658** (2013.01 - IL KR); **H01R 24/64** (2013.01 - EP IL KR); **H05K 1/0219** (2013.01 - IL); **H05K 1/028** (2013.01 - EP IL); **H01R 2107/00** (2013.01 - IL KR); **H05K 1/0219** (2013.01 - EP); **H05K 2201/056** (2013.01 - EP IL); **H05K 2201/09336** (2013.01 - EP IL); **H05K 2201/10303** (2013.01 - EP IL)

Citation (search report)

- [Y] US 2014206240 A1 20140724 - SCHUMACHER RICHARD A [US], et al
- [Y] US 2013210277 A1 20130815 - ROBINSON BRETT D [US]
- See references of WO 2017192800A1

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)

**WO 2017192800 A1 20171109**; AU 2017260462 A1 20181115; AU 2017260462 B2 20210520; BR 112018071868 A2 20190219; CA 3022689 A1 20171109; CN 109478747 A 20190315; CN 109478747 B 20210305; EP 3453081 A1 20190313; EP 3453081 A4 20200122; IL 262491 A 20181231; IL 262491 B 20220401; JP 2019519068 A 20190704; JP 7339734 B2 20230906; KR 102318866 B1 20211028; KR 20190000888 A 20190103; MX 2018013320 A 20190301; PH 12018502285 A1 20190715; RU 2713644 C1 20200205; TW 201813215 A 20180401; TW I743118 B 20211021

DOCDB simple family (application)

**US 2017030968 W 20170504**; AU 2017260462 A 20170504; BR 112018071868 A 20170504; CA 3022689 A 20170504; CN 201780027344 A 20170504; EP 17793306 A 20170504; IL 26249118 A 20181021; JP 2018557872 A 20170504; KR 20187031440 A 20170504; MX 2018013320 A 20170504; PH 12018502285 A 20181026; RU 2018138613 A 20170504; TW 106114632 A 20170503