

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 A1 20190313 (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 13/6581 (2011.01); **H01R 13/6474** (2011.01); **H01R 13/66** (2006.01); **H01R 24/64** (2011.01); **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)

Designated contracting state (EPC)

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Designated extension state (EPC)

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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