

Title (en)

BACKPLANE FOOTPRINT FOR HIGH SPEED, HIGH DENSITY ELECTRICAL CONNECTORS

Title (de)

RÜCKPLATTEN-FUSSABDRUCK FÜR ELEKTRISCHE STECKVERBINDER MIT HOHER GESCHWINDIGKEIT UND HOHER DICHTHE

Title (fr)

EMPREINTE DE FACE ARRIÈRE DESTINÉE À DES CONNECTEURS ÉLECTRIQUES À HAUTE DENSITÉ ET HAUTE VITESSE

Publication

EP 3707971 A1 20200916 (EN)

Application

EP 18875264 A 20181108

Priority

- US 201715807444 A 20171108
- US 2018059757 W 20181108

Abstract (en)

[origin: WO2019094549A1] A printed circuit board includes a plurality of layers including conductive layers separated by dielectric layers, the conductive layers including a signal layer; and via patterns formed in the plurality of layers, each of the via patterns comprising first and second signal vias extending from a first surface of the printed circuit board to the signal layer, the signal layer including first and second signal traces connected to the first and second signal vias, respectively, the signal layer further including a ground conductor located between the signal traces and adjacent signal-carrying elements.

IPC 8 full level

H05K 1/02 (2006.01); **H05K 1/11** (2006.01)

CPC (source: EP)

H05K 1/0219 (2013.01); **H05K 1/0225** (2013.01); **H05K 1/0245** (2013.01); **H05K 1/0251** (2013.01); **H05K 1/0298** (2013.01); **H05K 2201/09409** (2013.01)

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 2019094549 A1 20190516; CN 111602472 A 20200828; CN 111602472 B 20240206; EP 3707971 A1 20200916; EP 3707971 A4 20210728

DOCDB simple family (application)

US 2018059757 W 20181108; CN 201880085756 A 20181108; EP 18875264 A 20181108