

Title (en)

PRINTED CIRCUIT BOARD AND CONTROL DEVICE FOR A VEHICLE TRANSMISSION COMPRISING THE PRINTED CIRCUIT BOARD

Title (de)

LEITERPLATTE UND STEUERGERÄT FÜR EIN GETRIEBE EINES FAHRZEUGS MIT DER LEITERPLATTE

Title (fr)

CARTE DE CIRCUITS IMPRIMÉS ET APPAREIL DE COMMANDE POUR UNE BOÎTE DE VITESSES D'UN VÉHICULE COMPRENANT LA CARTE DE CIRCUITS IMPRIMÉS

Publication

EP 2719263 A1 20140416 (DE)

Application

EP 12719714 A 20120508

Priority

- DE 102011077206 A 20110608
- EP 2012058438 W 20120508

Abstract (en)

[origin: WO2012168018A1] The invention proposes a printed circuit board (100) having a plurality of layers, which have at least one outer layer (110, 120) and at least one inner layer (130, 140) adjoining the outer layer (110, 120). The printed circuit board (100) has a plurality of micro throughplatings (170), which are formed between a supply voltage area of the at least one outer layer (110, 120) and a supply voltage area of the at least one inner layer (130, 140).

IPC 8 full level

H05K 1/02 (2006.01); **H05K 3/46** (2006.01); **H05K 5/00** (2006.01)

CPC (source: EP US)

H05K 1/0201 (2013.01 - US); **H05K 1/0206** (2013.01 - EP US); **H05K 1/0207** (2013.01 - EP US); **H05K 1/115** (2013.01 - US);
H05K 5/0082 (2013.01 - EP US); **H05K 3/4608** (2013.01 - EP US); **H05K 2201/09309** (2013.01 - EP US); **H05K 2201/09663** (2013.01 - EP US);
H05K 2201/09781 (2013.01 - EP US)

Citation (search report)

See references of WO 2012168018A1

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)

DE 102011077206 A1 20121213; DE 102011077206 B4 20190131; EP 2719263 A1 20140416; US 2014182898 A1 20140703;
US 9265148 B2 20160216; WO 2012168018 A1 20121213

DOCDB simple family (application)

DE 102011077206 A 20110608; EP 12719714 A 20120508; EP 2012058438 W 20120508; US 201214124298 A 20120508