

Title (en)
SEMICONDUCTOR DEVICE, PRINTED CIRCUIT BOARD (PCB), AND METHOD OF INTERFACING CONTROL PIN (GATE PIN) OF A POWER SEMICONDUCTOR DEVICE (MOSFET) TO A PRINTED CIRCUIT BOARD (PCB) IN A BATTERY MANAGEMENT SYSTEM (BMS)

Title (de)
HALBLEITERBAUELEMENT, LEITERPLATTE (PCB) UND VERFAHREN ZUM VERBINDEN EINES STEUERSTIFTS (GATE-STIFT) EINES LEISTUNGSHALBLEITERBAUELEMENTS (MOSFET) MIT EINER LEITERPLATTE (PCB) IN EINEM BATTERIEMANAGEMENTSYSTEM (BMS)

Title (fr)
DISPOSITIF À SEMI-CONDUCTEUR, CARTE DE CIRCUIT IMPRIMÉ (PCB), ET PROCÉDÉ D'INTERFAÇAGE DE BROCHE DE COMMANDE (BROCHE DE GRILLE) DE DISPOSITIF À SEMI-CONDUCTEUR DE PUISSANCE (MOSFET) SUR UNE CARTE DE CIRCUIT IMPRIMÉ (PCB) DANS UN SYSTÈME DE GESTION DE BATTERIE (BMS)

Publication
EP 4066317 A4 20240110 (EN)

Application
EP 20894420 A 20201125

Priority
• US 201962941275 P 20191127
• US 2020062417 W 20201125

IPC 8 full level
H01R 4/2406 (2018.01); **H01L 23/495** (2006.01); **H01M 10/42** (2006.01); **H01M 50/519** (2021.01); **H01R 4/2404** (2018.01); **H01R 13/08** (2006.01); **H05K 1/14** (2006.01); **H05K 1/18** (2006.01); **H05K 3/34** (2006.01)

CPC (source: EP)
H01L 23/49555 (2013.01); **H01L 23/49562** (2013.01); **H01M 10/4257** (2013.01); **H01M 50/519** (2021.01); **H05K 1/181** (2013.01); **H05K 3/3426** (2013.01); **H01L 2924/13091** (2013.01); **H01L 2924/181** (2013.01); **H05K 1/141** (2013.01); **H05K 2201/10037** (2013.01); **H05K 2201/10166** (2013.01); **H05K 2201/10272** (2013.01); **H05K 2201/10287** (2013.01); **H05K 2201/10492** (2013.01); **H05K 2201/10613** (2013.01); **H05K 2201/10628** (2013.01); **H05K 2201/10659** (2013.01); **H05K 2201/10772** (2013.01); **Y02E 60/10** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)
• [Y] US 2017094790 A1 20170330 - TAZARINE WACIM [DE], et al
• [Y] WO 2018211935 A1 20181122 - AUTONETWORKS TECHNOLOGIES LTD [JP], et al
• See references of WO 2021108706A1

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)
EP 4066317 A1 20221005; EP 4066317 A4 20240110

DOCDB simple family (application)
EP 20894420 A 20201125