

Title (en)
BUSBAR INCLUDING FLEXIBLE CIRCUIT

Title (de)
BUSSCHIENE MIT EINER FLEXIBLEN SCHALTUNG

Title (fr)
BARRE OMNIBUS COMPRENANT UN CIRCUIT FLEXIBLE

Publication
EP 2742554 A4 20150722 (EN)

Application
EP 12822814 A 20120808

Priority
• US 201161521169 P 20110808
• US 2012049944 W 20120808

Abstract (en)
[origin: WO2013022938A2] A multilayer busbar for connecting a plurality of battery cells includes a cell connection layer including a plurality of conductor plates arranged to serially connect the plurality of battery cells. The busbar also includes a flexible circuit layer including a substrate having a plurality of measurement lines formed on it where the measurement lines are arranged to connect to a positive and a negative connection location on at least two of the plurality of battery cells.

IPC 8 full level
H01M 10/48 (2006.01); **H01M 50/505** (2021.01); **H01M 50/519** (2021.01); **H01M 50/522** (2021.01); **H01R 11/00** (2006.01); **H01R 35/02** (2006.01); **H02J 7/00** (2006.01)

CPC (source: CN EP US)
H01M 10/482 (2013.01 - CN EP US); **H01M 50/505** (2021.01 - CN EP US); **H01M 50/519** (2021.01 - CN EP US); **H01M 50/522** (2021.01 - CN EP US); **H01R 35/02** (2013.01 - CN EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
• [X] US 2006026822 A1 20060209 - SEMAN ANDREW E JR [US], et al
• [A] EP 2325919 A2 20110525 - SANYO ELECTRIC CO [JP]
• See references of WO 2013022938A2

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 2013022938 A2 20130214; WO 2013022938 A3 20130516; CN 103718341 A 20140409; EP 2742554 A2 20140618; EP 2742554 A4 20150722; JP 2014525649 A 20140929

DOCDB simple family (application)
US 2012049944 W 20120808; CN 201280038246 A 20120808; EP 12822814 A 20120808; JP 2014525109 A 20120808