

Title (en)
BATTERY TERMINAL FOR VEHICLE ELECTRICAL SYSTEM

Title (de)
BATTERIEANSCHLUSS FÜR FAHRZEUGBORDNETZ

Title (fr)
BORNE DE BATTERIE POUR RÉSEAU DE BORD DE VÉHICULE

Publication
EP 3759782 A1 20210106 (DE)

Application
EP 19702342 A 20190116

Priority
• DE 102018202987 A 20180228
• EP 2019051008 W 20190116

Abstract (en)
[origin: WO2019166148A1] The invention relates to a battery terminal (10, 12), which fulfills an electronically controlled electrical-system coupling/ isolating functionality with an electronically controlled current distribution, the battery terminal comprising a number of switching elements, at least some of which are connected to each other in the form of a star point, the star-point connection being provided for connection to a positive pole of a voltage source.

IPC 8 full level
H02J 1/10 (2006.01); **H01M 50/543** (2021.01)

CPC (source: EP US)
B60L 58/10 (2019.01 - US); **B60R 16/033** (2013.01 - US); **H01M 10/425** (2013.01 - US); **H01M 50/543** (2021.01 - EP US); **H02J 1/10** (2013.01 - EP); **H02J 7/0031** (2013.01 - US); **H01M 2010/4271** (2013.01 - US); **H01M 2220/20** (2013.01 - US); **H02J 7/0047** (2013.01 - US); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP)

Citation (search report)
See references of WO 2019166148A1

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)
DE 102018202987 A1 20190829; CN 111801867 A 20201020; EP 3759782 A1 20210106; JP 2021513727 A 20210527; JP 6991347 B2 20220112; US 11292405 B2 20220405; US 2020339051 A1 20201029; WO 2019166148 A1 20190906

DOCDB simple family (application)
DE 102018202987 A 20180228; CN 201980016140 A 20190116; EP 19702342 A 20190116; EP 2019051008 W 20190116; JP 2020542963 A 20190116; US 201916963276 A 20190116