Title (en)
ELECTRICAL DISTRIBUTION CIRCUIT FOR VEHICLE PARKING LOTS

Title (de)
ELEKTRISCHE VERTEILERSCHALTUNG FÜR FAHRZEUGPARKPLÄTZE

Title (fr)
CIRCUIT DE DISTRIBUTION ELECTRIQUE POUR PARC DE STATIONNEMENT DE VEHICULES

Publication
EP 4188745 A1 20230607 (FR)

Application
EP 21754787 A 20210802

Priority
• FR 2008247 A 20200803
• EP 2021071580 W 20210802

Abstract (en)
[origin: WO2022029084A1] An electrical distribution circuit for vehicle parking lots. The invention relates to an electrical distribution circuit for vehicle parking lots, each parking space being associated with an electrical supply device (4) of a vehicle, characterised in that the circuit comprises: - a main distribution line (1) forming a connection (11) to an external power supply network and at least one connection (12) to a secondary distribution line (2), - at least one secondary distribution line forming a connection (21) to the main distribution line and at least one connection (25) to a supply device, - at least one supply line (5) forming a connection between the secondary distribution line and a connection interface (6) of a vehicle to the supply device, the main line (1) being housed in a parking frame, at least one secondary distribution line (2) being positioned above the parking lot surface.

IPC 8 full level
B60L 53/30 (2019.01)

CPC (source: EP)
B60L 53/30 (2019.02); Y02T 10/70 (2013.01); Y02T 10/7072 (2013.01); Y02T 90/12 (2013.01); Y02T 90/14 (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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3112996 A1 20220204; EP 4188745 A1 20230607; FR 3113205 A1 20220204; FR 3113205 B1 20240816; FR 3113206 A1 20220204; WO 2022029084 A1 20220210

DOCDB simple family (application)
FR 2013053 A 20201211; EP 2021071580 W 20210802; EP 21754787 A 20210802; FR 2008247 A 20200803; FR 2013054 A 20201211