

Title (en)
PLUG-IN COUPLING SYSTEM AND COUPLING SYSTEM

Title (de)
STECKKUPPLUNGSSYSTEM SOWIE KUPPLUNGSSYSTEM

Title (fr)
SYSTÈME DE COUPLAGE PAR ENFICHAGE AINSI QUE SYSTÈME DE COUPLAGE

Publication
EP 3823848 A2 20210526 (DE)

Application
EP 19742732 A 20190719

Priority
• DE 102018117584 A 20180720
• EP 2019069528 W 20190719

Abstract (en)
[origin: WO2020016420A2] The invention relates to a plug-in coupling system (17) for connecting a motorized vehicle and a transport unit, comprising a plug-in device (4) which can be mounted on the transport unit side and has a plug (3), and a plug socket (9) which can be mounted on the vehicle side and into which the plug (3) can be inserted in an operating state. The plug-in coupling system (17) is characterized in that the plug (3) and the plug socket (9) have at least one transmitter (34) and at least one receiver (36) of a contactless communication system having a short range.

IPC 8 full level
B60D 1/01 (2006.01); **B60D 1/64** (2006.01)

CPC (source: EP US)
B60D 1/015 (2013.01 - EP US); **B60D 1/64** (2013.01 - EP US); **H04W 4/80** (2018.02 - US); **H04W 4/80** (2018.02 - EP)

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)
WO 2020016420 A2 20200123; WO 2020016420 A3 20200312; AU 2019304072 A1 20210311; CA 3106171 A1 20200123;
CN 112672893 A 20210416; DE 102018117584 A1 20200123; EP 3823848 A2 20210526; JP 2021530402 A 20211111;
JP 7477496 B2 20240501; MX 2020014135 A 20210527; US 2021300136 A1 20210930

DOCDB simple family (application)
EP 2019069528 W 20190719; AU 2019304072 A 20190719; CA 3106171 A 20190719; CN 201980047896 A 20190719;
DE 102018117584 A 20180720; EP 19742732 A 20190719; JP 2021503002 A 20190719; MX 2020014135 A 20190719;
US 201917260642 A 20190719