

Title (en)  
KERBSTONE MODULE, KERBSTONE MODULE GROUP, CHARGING STATION, AND METHOD FOR OPERATING APPARATUSES OF THIS KIND

Title (de)  
BORDSTEINMODUL, BORDSTEINMODULGRUPPE, LADESTATION UND VERFAHREN ZUM BETREIBEN SOLCHER VORRICHTUNGEN

Title (fr)  
MODULE DE BORDURE, GROUPE DE MODULES DE BORDURE, STATION DE CHARGE ET PROCÉDÉ DE FONCTIONNEMENT D'APPAREILS DE CE TYPE

Publication  
**EP 4132815 A1 20230215 (DE)**

Application  
**EP 21722848 A 20210430**

Priority

- DE 102020205561 A 20200430
- EP 2021061377 W 20210430

Abstract (en)  
[origin: WO2021219839A1] The present invention relates to a kerbstone module (1) having a main body (10). The main body (10) has a cavity which is enclosed by walls of the main body (10). A charging device (20) is provided in the cavity, the charging device (20) comprising at least one transmission unit (22). The at least one transmission unit (22) of the charging device (20) is designed so as to be able to transmit electrical energy to an external consumer. The present invention also relates to a kerbstone module group having at least two kerbstone modules (1) of this kind, and to a charging station having at least one kerbstone module (1) of this kind. Finally, the present invention also relates to a method for operating apparatuses of this kind.

IPC 8 full level  
**B60L 53/30** (2019.01); **B60L 53/34** (2019.01); **B60L 53/66** (2019.01)

CPC (source: EP US)  
**B60L 53/12** (2019.01 - US); **B60L 53/30** (2019.01 - EP); **B60L 53/31** (2019.01 - US); **B60L 53/34** (2019.01 - EP); **B60L 53/66** (2019.01 - EP); **E01C 11/22** (2013.01 - US); **H02J 50/005** (2020.01 - US); **H02J 50/402** (2020.01 - US); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP); **Y02T 90/16** (2013.01 - EP)

Citation (search report)  
See references of WO 2021219839A1

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)  
**DE 102020205561 A1 20211104**; CN 115734891 A 20230303; EP 4132815 A1 20230215; JP 2023524957 A 20230614; US 2023166612 A1 20230601; WO 2021219839 A1 20211104

DOCDB simple family (application)  
**DE 102020205561 A 20200430**; CN 202180047302 A 20210430; EP 2021061377 W 20210430; EP 21722848 A 20210430; JP 2022566456 A 20210430; US 202117922568 A 20210430