

Title (en)
MODULAR KERB

Title (de)
MODULARER BORDSTEIN

Title (fr)
BORDURE DE TROTTOIR MODULAIRE

Publication
EP 4100278 A2 20221214 (EN)

Application
EP 21711623 A 20210205

Priority
• GB 202001517 A 20200205
• GB 202007902 A 20200527
• GB 2021050251 W 20210205

Abstract (en)
[origin: GB2591830A] The modular kerb 10, particularly for charging electric vehicles and telecommunication infrastructure, comprises a base unit 12 adapted to receive an electricity supply and connect the supply to an interchangeable head 14 which is operable to connect to an electric vehicle or other electrical load. The interchangeable head is preferably received inside or proximate the base unit, preferably within a slot or opening 28 formed in a generally uppermost and/or sloping wall of the base unit. The interchangeable head may comprise an induction coil 30, either retained entirely within the head or deployable as a retractable planar roll or sheet, configured to create an electromagnetic field to supply energy to an electric vehicle. The head may comprise a lockable access cover containing a plug-in charging cable. The head may include other articles including sensors, lighting, telecommunications apparatus, batteries 40 and gas filters. Also claimed are a method of manufacture a modular kerb, a method of laying a linear kerb line and a modular construction element.

IPC 8 full level
B60L 53/30 (2019.01); **B60L 53/12** (2019.01); **B60L 53/14** (2019.01); **B60L 53/53** (2019.01); **E01C 11/22** (2006.01); **E04C 1/39** (2006.01); **E04C 2/52** (2006.01)

CPC (source: EP GB)
B60L 53/12 (2019.01 - EP); **B60L 53/14** (2019.01 - EP); **B60L 53/30** (2019.01 - EP GB); **B60L 53/53** (2019.01 - EP); **E01C 11/222** (2013.01 - EP GB); **E01C 11/223** (2013.01 - EP); **E01F 9/547** (2016.02 - EP); **E04C 1/39** (2013.01 - GB); **E04C 2/52** (2013.01 - GB); **H01M 16/00** (2013.01 - EP); **H04W 4/30** (2018.01 - GB); **B60L 55/00** (2019.01 - EP); **E04C 1/39** (2013.01 - EP); **E04C 2/52** (2013.01 - EP); **H01M 2220/10** (2013.01 - EP); **Y02A 30/60** (2017.12 - EP); **Y02E 60/00** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP GB); **Y02T 90/14** (2013.01 - EP); **Y04S 10/126** (2013.01 - EP)

Citation (search report)
See references of WO 2021156621A2

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)
GB 202007902 D0 20200708; **GB 2591830 A 20210811**; **GB 2591830 B 20240515**; EP 4100278 A2 20221214; GB 202001517 D0 20200318; GB 2592186 A 20210825; WO 2021156621 A2 20210812; WO 2021156621 A3 20220203

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GB 202007902 A 20200527; EP 21711623 A 20210205; GB 202001517 A 20200205; GB 2021050251 W 20210205