

Title (en)

LOCKING DEVICE DRIVEN BY AN ELECTRIC MOTOR

Title (de)

ELEKTROMOTORISCH ANGETRIEBENE VERRIEGELUNGSEINRICHTUNG

Title (fr)

DISPOSITIF DE VERROUILLAGE COMMANDÉ PAR MOTEUR ÉLECTRIQUE

Publication

**EP 4238189 A1 20230906 (DE)**

Application

**EP 21815358 A 20210910**

Priority

- DE 102020128580 A 20201030
- DE 2021100747 W 20210910

Abstract (en)

[origin: WO2022089682A1] The invention relates to a locking device (4) of an electrical connector half (1), which locking device is driven by an electric motor, for establishing an electrical connection to another electrical connector half to charge an electric or hybrid vehicle by plugging the other electrical connector half into the first-mentioned electrical connector half (1), having a movable locking pin (5) for locking in the other electrical connector half plugged into the electrical connector half (1), and a sensor element (27) arranged on the locking device (4), wherein, by means of the sensor element (27), at least one position (E, V), in particular an end position, of the locking pin (5) can be determined, and wherein at least one switch means (26) and a resistor (29) are integrated in a circuit (28) of the sensor element (27), such that at least one further position (E, V) of the locking pin (5) can be determined.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2022089682A1

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