

Title (en)

HALL BOARD WITHIN THE WINDING HEAD

Title (de)

HALL PLATINE INNERHALB DER WICKELKÖPFE

Title (fr)

CARTE À EFFET HALL À L'INTÉRIEUR D'UNE TÊTE D'ENROULEMENT

Publication

**EP 4066363 A1 20221005 (DE)**

Application

**EP 20807049 A 20201119**

Priority

- EP 19212502 A 20191129
- EP 2020082701 W 20201119

Abstract (en)

[origin: WO2021104990A1] The invention relates to an electric motor containing a printed circuit board mounting and an angle-measuring unit comprising at least one Hall sensor for detecting a rotational angle and at least two hooks for receiving and holding a coiled wire, wherein the angle-measuring unit is designed to commutate the electric motor according to the detected rotational angle. The printed circuit board mounting contains a pot-like depression with a base, wherein the depression and the angle-measuring unit are designed such that in the installed state, the angle-measuring unit rests against the base of the depression such that the angle-measuring unit is positioned in front of the at least two hooks in the direction of the arrow.

IPC 8 full level

**H02K 11/215** (2016.01); **H02K 3/52** (2006.01)

CPC (source: EP US)

**H02K 1/16** (2013.01 - US); **H02K 11/215** (2016.01 - EP US); **H02K 29/08** (2013.01 - US); **H02K 3/522** (2013.01 - EP); **H02K 2211/03** (2013.01 - US)

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)

**EP 3829041 A1 20210602**; CN 114667669 A 20220624; EP 4066363 A1 20221005; US 2023017431 A1 20230119; WO 2021104990 A1 20210603

DOCDB simple family (application)

**EP 19212502 A 20191129**; CN 202080075796 A 20201119; EP 2020082701 W 20201119; EP 20807049 A 20201119; US 20201777785 A 20201119