Title (en)

COIL BODY, INDUCTIVE ROTATIONAL SPEED SENSOR, AND METHOD FOR PRODUCING SAME

Title (de)

SPULENKÖRPER, INDUKTIVER DREHZAHLSENSOR UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

CORPS DE BOBINE, CAPTEUR DE VITESSE INDUCTIF ET LEUR PROCÉDÉ DE FABRICATION

Publication

EP 3899551 A2 20211027 (DE)

Application

EP 19813827 A 20191203

Priority

- DE 102018132694 A 20181218
- EP 2019083519 W 20191203

Abstract (en)

[origin: WO2020126482A2] The invention relates to a coil body for an inductive rotational speed sensor, comprising: a main part (100) with a winding region (110) for coil windings (10) about an axial axis (R) and an opening (120) for receiving a pole assembly (20, 25) along the axial axis (R); and two busbars (200), each of which runs parallel to the axial axis (R) and has a contact region (220) for electric connection lines (30) in order to connect the coil (10) in the winding region (110) to the electric connection lines (30). Each contact region (220) has at least one bendable section (230) in order to selectively guide the electric connection lines (30) in a radial direction at least partly parallel to the axial axis (R) or perpendicularly thereto.

IPC 8 full level

G01P 1/02 (2006.01); **G01P 3/488** (2006.01); **H01R 43/16** (2006.01)

CPC (source: EP US)

G01D 11/245 (2013.01 - US); **G01P 1/026** (2013.01 - EP US); **G01P 3/488** (2013.01 - EP US); **H01F 27/29** (2013.01 - US)

Citation (search report)

See references of WO 2020126482A2

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)

DE 102018132694 A1 20200618; BR 112021010137 A2 20210824; CN 113454465 A 20210928; CN 113454465 B 20231215; EP 3899551 A2 20211027; JP 2022514579 A 20220214; JP 7161056 B2 20221025; US 2022018870 A1 20220120; WO 2020126482 A2 20200625; WO 2020126482 A3 20200813

DOCDB simple family (application)

DE 102018132694 A 20181218; BR 112021010137 A 20191203; CN 201980092443 A 20191203; EP 19813827 A 20191203; EP 2019083519 W 20191203; JP 2021535193 A 20191203; US 201917312356 A 20191203