

Title (en)
ELECTRICAL MACHINE

Title (de)
ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE

Publication
EP 4029127 A1 20220720 (DE)

Application
EP 20750588 A 20200722

Priority
• DE 102019124088 A 20190909
• DE 2020100642 W 20200722

Abstract (en)
[origin: WO2021047712A1] The invention relates to an electrical machine, comprising: a stator (2); a rotor, which can be rotated relative to the stator (2); a temperature-sensing device (7) for sensing a temperature of the stator (2), which temperature-sensing device comprises a temperature sensor (16); and a rotor-sensing device (8) for sensing the rotational speed and/or rotational position of the rotor, which rotor-sensing device comprises a rotor-state-sensing sensor, the temperature-sensing device (7) and the rotor-sensing device (8) being connected to form a common assembly (6), the temperature-sensing device (7) having a sensor portion (13), which can be moved between two end positions by means of at least one spring element (26) and which comprises the temperature sensor (16).

IPC 8 full level
H02K 11/21 (2016.01); **H02K 11/215** (2016.01); **H02K 11/25** (2016.01)

CPC (source: EP US)
H02K 5/22 (2013.01 - US); **H02K 11/21** (2016.01 - EP); **H02K 11/215** (2016.01 - EP US); **H02K 11/25** (2016.01 - EP US)

Citation (search report)
See references of WO 2021047712A1

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 102019124088 A1 20210311; CN 114303305 A 20220408; EP 4029127 A1 20220720; US 2022345008 A1 20221027;
WO 2021047712 A1 20210318

DOCDB simple family (application)
DE 102019124088 A 20190909; CN 202080061609 A 20200722; DE 2020100642 W 20200722; EP 20750588 A 20200722;
US 202017640391 A 20200722