

Title (en)
ELECTRIC MACHINE

Title (de)
ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE

Publication
EP 4320714 A1 20240214 (DE)

Application
EP 22718053 A 20220408

Priority
• DE 102021108951 A 20210410
• DE 2022100263 W 20220408

Abstract (en)
[origin: WO2022214141A1] The invention relates to an electric machine, in particular for an electric drive train in a motor vehicle, comprising a rotor that is rotatably mounted relative to a stator, the rotor having a rotor shaft with at least one rotor member which is non-slidably arranged on the rotor shaft for conjoint rotation therewith, the stator having at least one first stator member, the first stator member having a first stator winding which is arranged within a first chamber (51), at least part of which is enclosed by a delimiting first casing component (91). The first casing component (91) contains an electric connection element (70) that includes a contacting member (71) and a reception sleeve (73) which extend through the casing component (91) in such a way that a first portion (77) of the reception sleeve (73) protrudes into the first chamber (51) and a second portion (72) of the contacting member (71) can be contacted from the side of the first casing component (91) facing away from the first chamber (51). The contacting member (71) is secured in the reception sleeve (73), and the reception sleeve (73) is accommodated in the first casing component (91).

IPC 8 full level
H02K 5/22 (2006.01); **H01R 13/03** (2006.01); **H01R 13/52** (2006.01); **H01R 13/74** (2006.01); **H02K 7/00** (2006.01); **H02K 9/197** (2006.01); **H02K 16/04** (2006.01)

CPC (source: EP)
H02K 5/225 (2013.01); **H02K 9/197** (2013.01); **H01R 13/03** (2013.01); **H01R 13/5202** (2013.01); **H01R 13/74** (2013.01); **H01R 2201/10** (2013.01); **H01R 2201/26** (2013.01); **H02K 1/2796** (2022.01); **H02K 7/006** (2013.01)

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)
DE 102021108951 A1 20221013; CN 117121349 A 20231124; EP 4320714 A1 20240214; WO 2022214141 A1 20221013

DOCDB simple family (application)
DE 102021108951 A 20210410; CN 202280027468 A 20220408; DE 2022100263 W 20220408; EP 22718053 A 20220408