

Title (en)  
ELECTRIC MACHINE ARRANGEMENT

Title (de)  
ELEKTRISCHE MASCHINENANORDNUNG

Title (fr)  
AGENCEMENT DE MACHINE ÉLECTRIQUE

Publication  
**EP 4205269 A1 20230705 (DE)**

Application  
**EP 21752631 A 20210708**

Priority  
• DE 102020122255 A 20200826  
• DE 2021100597 W 20210708

Abstract (en)  
[origin: WO2022042787A1] The invention relates to an electric machine arrangement (1) comprising an electric axial flux machine (2) having a stator (3) and a rotor (4), further comprising a component (6) supporting the stator (3), and comprising an output element (100) that is in contact with the rotor (4) for conjoint rotation therewith. The rotor (4) is rotatably mounted in the electric machine arrangement (1) via at least one bearing point (61, 611, 612; 62, 621, 622). According to the invention, a shaft grounding element (11) and/or a rotor position sensor (12) is/are arranged in a space located between the rotor shaft (W) and the stator (3) in the radial direction and within the axial extent (X) of the stator (3) in the axial direction.

IPC 8 full level  
**H02K 21/24** (2006.01); **H02K 1/18** (2006.01); **H02K 5/10** (2006.01); **H02K 5/16** (2006.01); **H02K 5/24** (2006.01); **H02K 7/08** (2006.01); **H02K 11/215** (2016.01); **H02K 11/40** (2016.01)

CPC (source: EP US)  
**H02K 5/10** (2013.01 - US); **H02K 7/083** (2013.01 - EP); **H02K 7/085** (2013.01 - US); **H02K 11/20** (2016.01 - US); **H02K 11/215** (2016.01 - EP); **H02K 11/40** (2016.01 - EP); **H02K 21/24** (2013.01 - EP); **H02K 1/182** (2013.01 - EP); **H02K 5/10** (2013.01 - EP); **H02K 5/161** (2013.01 - EP); **H02K 5/24** (2013.01 - EP)

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)  
**WO 2022042787 A1 20220303**; CN 116076008 A 20230505; DE 102020122255 A1 20220303; EP 4205269 A1 20230705; US 2023307988 A1 20230928

DOCDB simple family (application)  
**DE 2021100597 W 20210708**; CN 202180055730 A 20210708; DE 102020122255 A 20200826; EP 21752631 A 20210708; US 202118042946 A 20210708