

Title (en)

STATOR FOR AN ELECTRIC MACHINE

Title (de)

STATOR FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)

STATOR POUR MACHINE ÉLECTRIQUE

Publication

EP 3921925 A1 20211215 (DE)

Application

EP 20703375 A 20200110

Priority

- DE 102019103191 A 20190208
- DE 2020100015 W 20200110

Abstract (en)

[origin: WO2020160727A1] Stator for an electric machine, having a winding (2) comprising a plurality of interconnected conductors (3) assigned to one or more phases, wherein the ends (6) of at least some of the conductors (3) protrude axially or radially beyond the winding (2) at the inner circumference and/or at the outer circumference of the winding (2), wherein an interconnection ring (7), to which the conductors (3) are connected, is positioned axially or radially on the winding (2), and wherein the ends (6) of in each case at least two conductors (6) assigned to one phase protrude radially or axially outwards and are connected to a power connection (14) arranged radially outside the winding (2).

IPC 8 full level

H02K 3/12 (2006.01); **H02K 3/52** (2006.01); **H02K 5/22** (2006.01); **H02K 15/04** (2006.01)

CPC (source: EP US)

H02K 3/50 (2013.01 - US); **H02K 3/522** (2013.01 - EP); **H02K 5/225** (2013.01 - EP); **H02K 3/12** (2013.01 - EP); **H02K 15/0421** (2013.01 - EP); **H02K 2203/09** (2013.01 - EP US)

Citation (search report)

See references of WO 2020160727A1

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)

WO 2020160727 A1 20200813; CN 113396529 A 20210914; DE 102019103191 A1 20200813; EP 3921925 A1 20211215;
US 2022052575 A1 20220217

DOCDB simple family (application)

DE 2020100015 W 20200110; CN 202080012756 A 20200110; DE 102019103191 A 20190208; EP 20703375 A 20200110;
US 202017429098 A 20200110