

Title (en)

ELECTRICAL WINDING FOR AN ACTIVE PART OF A ROTATING ELECTRIC MACHINE

Title (de)

ELEKTRISCHE WICKLUNG FÜR EINEN AKTIVEN TEIL EINER ELEKTRISCHEN DREHMASCHINE

Title (fr)

BOBINAGE ÉLECTRIQUE POUR PARTIE ACTIVE DE MACHINE ÉLECTRIQUE TOURNANTE

Publication

EP 4085515 A1 20221109 (FR)

Application

EP 20821035 A 20201214

Priority

- FR 1915748 A 20191230
- EP 2020086053 W 20201214

Abstract (en)

[origin: WO2021136648A1] The present invention proposes an electrical winding for a wound part of a rotating electric machine (10), the wound part comprising a body (21) having a yoke (27) and a plurality of teeth (28) extending from a lateral face of the yoke in a radial direction so as to define slots (22), said slots being open on a first axial end face (29a) and on a second axial end face (29b) of the body. The winding comprises at least a first group of conductive pins (30) and a second group of conductive pins (31). Said conductive pins (30, 31) are electrically connected to one another, each pin comprising two conductive segments (30A, 30B, 31A, 31B) intended to be arranged in two separate slots so as to form N layers (Ci). The winding (24) has an odd number of conductive segments intended to be arranged in one and the same slot.

IPC 8 full level

H02K 3/12 (2006.01); **H02K 3/28** (2006.01)

CPC (source: EP)

H02K 3/12 (2013.01); **H02K 3/28** (2013.01)

Citation (search report)

See references of WO 2021136648A1

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)

FR 3105891 A1 20210702; FR 3105891 B1 20220325; CN 217824479 U 20221115; EP 4085515 A1 20221109; WO 2021136648 A1 20210708

DOCDB simple family (application)

FR 1915748 A 20191230; CN 202090001032 U 20201214; EP 2020086053 W 20201214; EP 20821035 A 20201214