

Title (en)

ELECTRICAL CONDUCTOR FOR A STATOR OF A ROTARY ELECTRIC MACHINE, AND METHOD FOR MANUFACTURING SAME

Title (de)

ELEKTRISCHER LEITER FÜR EINEN STATOR EINER ELEKTRISCHEN DREHMASCHINE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

CONDUCTEUR ÉLECTRIQUE POUR STATOR DE MACHINE ÉLECTRIQUE TOURNANTE ET PROCÉDÉ DE FABRICATION

Publication

**EP 4315567 A1 20240207 (FR)**

Application

**EP 22712987 A 20220315**

Priority

- FR 2103172 A 20210329
- FR 2022050463 W 20220315

Abstract (en)

[origin: WO2022207992A1] The invention relates to an electrical conductor for a stator of a rotary electric machine, in the form of a U-shaped hairpin, having:- first and second legs intended to extend axially in a first notch A and a second notch R, respectively, of the stator,- a bundle portion connected to the first and second legs of the electrical conductor in each case by an oblique portion,- the two oblique portions being in the form of a helical portion.

IPC 8 full level

**H02K 3/14** (2006.01); **H02K 15/04** (2006.01)

CPC (source: EP US)

**H02K 3/14** (2013.01 - EP); **H02K 3/28** (2013.01 - US); **H02K 15/0421** (2013.01 - EP US); **H02K 2213/03** (2013.01 - EP US)

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 3121297 A1 20220930**; CN 117121339 A 20231124; EP 4315567 A1 20240207; US 2024136878 A1 20240425; WO 2022207992 A1 20221006

DOCDB simple family (application)

**FR 2103172 A 20210329**; CN 202280026061 A 20220315; EP 22712987 A 20220315; FR 2022050463 W 20220315; US 202218548180 A 20220314