

Title (en)

STATOR FOR A ROTATING ELECTRICAL MACHINE

Title (de)

STATOR FÜR EINE ELEKTRISCHE DREHMASCHINE

Title (fr)

STATOR DE MACHINE ELECTRIQUE TOURNANTE

Publication

**EP 3931947 A1 20220105 (FR)**

Application

**EP 20713724 A 20200225**

Priority

- FR 1902072 A 20190228
- FR 2020050361 W 20200225

Abstract (en)

[origin: WO2020174179A1] Stator for a rotating electrical machine, comprising a stator mass comprising notches (21), the electrical conductors (22) being housed in the notches (21), at least one portion of the electrical conductors (22), if not the majority, being in the form of a U-shaped pin, each comprising first (22e) and second (22f) legs respectively extending axially in the first and second notches (21), each electrical conductor (22) comprising several strands (23), the strands (23) of the first leg (22e) of an electrical conductor (22) being arranged in the first notch in a radially reverse order of the strands (23) of the second leg (22f) of the same electrical conductor (22) in the second notch.

IPC 8 full level

**H02K 3/12** (2006.01); **H02K 3/50** (2006.01)

CPC (source: EP US)

**H02K 3/12** (2013.01 - EP); **H02K 3/28** (2013.01 - US); **H02K 3/505** (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

DOCDB simple family (publication)

**WO 2020174179 A1 20200903**; CN 113646995 A 20211112; EP 3931947 A1 20220105; FR 3093386 A1 20200904; FR 3093386 B1 20231117; US 2022103038 A1 20220331

DOCDB simple family (application)

**FR 2020050361 W 20200225**; CN 202080017423 A 20200225; EP 20713724 A 20200225; FR 1902072 A 20190228; US 202017426623 A 20200225