

Title (en)

ACTIVE PART FOR AN ELECTRICAL HIGH-VOLTAGE DEVICE

Title (de)

AKTIVTEIL FÜR EIN ELEKTRISCHES HOCHSPANNUNGSGERÄT

Title (fr)

PARTIE ACTIVE POUR UN APPAREIL ÉLECTRIQUE À HAUTE TENSION

Publication

**EP 3577665 B1 20220615 (DE)**

Application

**EP 18711041 A 20180305**

Priority

- DE 102017205749 A 20170404
- EP 2018055313 W 20180305

Abstract (en)

[origin: WO2018184777A1] In order to provide an active part (1) for an electrical high-voltage device having a magnetizable core (2), at least one winding (7, 8), which is held on the core (2) and used for generating a magnetic flux in the core (2), and connection lines (9), which are each connected at their winding end (10) to a winding (7, 8) and at their distributor end (11) to a distribution device (19), which active part can be mounted in a compact, easy and simple manner, it is proposed that the core (2) forms at least one chamfered core corner (16) and the distribution device (19) is arranged in the region of the chamfered core corner (16).

IPC 8 full level

**H01F 27/04** (2006.01); **H01F 27/245** (2006.01); **H01F 27/29** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

**H01F 27/04** (2013.01); **H01F 27/245** (2013.01); **H01F 27/29** (2013.01); **H01F 27/321** (2013.01)

Citation (examination)

- US 2013147594 A1 20130613 - PAN CHENG-YU [TW]
- US 8558651 B2 20131015 - SUZUKI KOTARO [JP]

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

DOCDB simple family (publication)

**DE 102017205749 A1 20181004**; CN 110462763 A 20191115; CN 110462763 B 20220624; EP 3577665 A1 20191211; EP 3577665 B1 20220615; PL 3577665 T3 20220919; WO 2018184777 A1 20181011

DOCDB simple family (application)

**DE 102017205749 A 20170404**; CN 201880022773 A 20180305; EP 18711041 A 20180305; EP 2018055313 W 20180305; PL 18711041 T 20180305