

Title (en)

ELECTRICAL HIGH-VOLTAGE DEVICE WITH A REGULATING WINDING GROUP

Title (de)

ELEKTRISCHES HOCHSPANNUNGSGERÄT MIT EINER REGELWICKLUNGSGRUPPE

Title (fr)

APPAREIL ÉLECTRIQUE HAUTE TENSION COMPORTANT UN ENSEMBLE D'ENROULEMENTS DE RÉGLAGE

Publication

**EP 3420570 A1 20190102 (DE)**

Application

**EP 17715067 A 20170327**

Priority

- DE 102016206947 A 20160425
- EP 2017057155 W 20170327

Abstract (en)

[origin: WO2017186429A1] In order to provide an electrical device (1) for connection to a high-voltage supply system, having a housing (2) which can be filled with a cooling liquid, having a core (3) which is arranged in the housing (3) and is composed of a magnetizable material, having a main winding (5) which encloses one section (4) of the core (3), having a regulating winding group (6) with regulating windings which each enclose a section (4) of the core (3), and having a switch (19) which selectively allows or prevents a current flow across each regulating winding, which electrical device has a larger reactive power setting range, it is proposed that the regulating winding group (6) has a first regulating winding subgroup (7) and a second regulating winding subgroup (8), wherein the first regulating winding subgroup (7) and the second regulating winding subgroup (8) are of identical construction to one another.

IPC 8 full level

**H01F 29/02** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2017186429A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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**DE 102016206947 A 20160425**; BR 112018071777 A 20170327; CN 201780025822 A 20170327; EP 17715067 A 20170327; EP 2017057155 W 20170327