

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 B1 20200429 (DE)

Application

EP 17715067 A 20170327

Priority

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- 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

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