Title (en)

ELECTRIC DEVICE WITH PRESSING PLATES FOR CLAMPING A MAGNETIZABLE CORE

Title (de)

ELEKTRISCHES GERÄT MIT PRESSPLATTEN ZUM VERSPANNEN EINES MAGNETISIERBAREN KERNS

Title (fr)

APPAREIL ÉLECTRIQUE MUNI DE PLAQUES DE SERRAGE POUR SERRER UN NOYAU MAGNÉTISABLE

Publication

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Application

EP 19700555 A 20190104

Priority

- DE 102018201488 A 20180131
- EP 2019050144 W 20190104

Abstract (en)

[origin: CA3089164A1] The invention relates to an electric device (1), for example a track transformer, for connecting to a high-voltage line. The electric device (1) has a magnetizable core (2), at least one winding (5, 6) which is arranged in the vicinity of the core (2), and a housing (9, 10) which is filled with an insulating fluid and in which at least one winding (5, 6) is arranged. The core (2) is arranged at least partly outside of the housing (9, 10). In order to allow a stable mounting of a core consisting of two halves, the core (2) is arranged completely between two opposing pressing plates (11, 12), between which tension elements (13) for clamping the core (2) extend.

IPC 8 full level

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CPC (source: EP RU US)

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Citation (search report)

See references of WO 2019149469A1

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DOCDB simple family (publication)

DE 102018201488 A1 20190801; CA 3089164 A1 20190808; CA 3089164 C 20240102; CN 111670481 A 20200915; CN 111670481 B 20230804; DK 3721458 T3 20220523; EP 3721458 A1 20201014; EP 3721458 B1 20220309; PL 3721458 T3 20220725; RU 2741441 C1 20210126; US 11721471 B2 20230808; US 2021050139 A1 20210218; WO 2019149469 A1 20190808

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