

Title (en)

ELECTRICAL DEVICE HAVING A PLURALITY OF COOLING UNITS

Title (de)

ELEKTRISCHES GERÄT MIT MEHREREN KÜHLEINHEITEN

Title (fr)

APPAREIL ÉLECTRIQUE ÉQUIPÉ DE PLUSIEURS UNITÉS DE REFROIDISSEMENT

Publication

EP 3494584 A1 20190612 (DE)

Application

EP 17772346 A 20170915

Priority

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- EP 2017073249 W 20170915

Abstract (en)

[origin: WO2018065189A1] The aim of the invention is to create an electrical device (1) for connecting to a high-voltage network, having a vessel (14), which is filled with an insulating fluid (30), an active part, which is arranged in the vessel (14) and which has a magnetizable core (2) and partial windings (3.1, 3.2) for producing a magnetic field in the core (2), and a cooling apparatus (15) for cooling the insulating fluid (30), which electrical device is economical and at the same time can be operated at higher temperatures. This aim is achieved, according to the invention, by means of at least one thermal barrier (4), which delimits cooling spaces, in each of which at least one partial winding (3.1, 3.2) is arranged, the cooling apparatus (15) having at least two cooling units and each cooling unit being designed to cool an associated partial winding (3.1, 3.2).

IPC 8 full level

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Citation (search report)

See references of WO 2018065189A1

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