

Title (en)

Multiple chamber system for compact electrical installations

Title (de)

Mehrkammersystem für kompakte Elektroanlagen

Title (fr)

Système à plusieurs chambres pour installations électriques compactes

Publication

EP 2840580 A1 20150225 (DE)

Application

EP 14002839 A 20140814

Priority

CH 14072013 A 20130819

Abstract (en)

[origin: CH707611B1] The system comprises a transformer (6) and a power electronics (5) that are respectively arranged in main chamber (1) and a sub chamber (4). A partition plate (2) formed of electrically and thermally insulating material is arranged between the main and the sub chambers. The electrical devices accommodated in the separate chambers are electrically connected to each other by the partition plate and firmly anchored by multiple guide pins (3). The different cooling devices are arranged in the areas of the different chambers of a casing.

Abstract (de)

Es wird eine Vorrichtung vorgestellt, welche verschiedenartige elektrische und elektronische Einrichtungen in verschiedenen, voneinander durch eine Trennplatte 2 getrennten Kammern 1,4 unterbringt. Diese Anordnung dient zum einen dem effizienten Raumbedarf, der unterschiedlichen Lebensdauer verschiedener elektrischer Einrichtungen und den unterschiedlichen physikalischen Bedürfnissen z.B. von Transformator 6 in Hauptkammer 1 und Leistungselektronik 5 in Nebenkammer 4.

IPC 8 full level

H01F 27/02 (2006.01); **H01F 27/04** (2006.01); **H01F 27/08** (2006.01); **H01F 27/10** (2006.01); **H01F 27/40** (2006.01)

CPC (source: EP)

H01F 27/025 (2013.01); **H01F 27/04** (2013.01); **H01F 27/08** (2013.01); **H01F 27/10** (2013.01); **H01F 27/40** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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