

Title (en)

INSULATING LIQUID AND INDUCTIVE ARRANGEMENT COMPRISING A CONTAINER WITH INSULATING LIQUID

Title (de)

ISOLIERENDE FLÜSSIGKEIT UND INDUKTIVE ANORDNUNG MIT EINEM BEHÄLTER MIT EINER ISOLIERENDEN FLÜSSIGKEIT

Title (fr)

AGENCEMENT INDUCTIF ET À ISOLATION DE LIQUIDE COMPRENANT UN RÉCIPIENT AVEC UN LIQUIDE ISOLANT

Publication

**EP 3754674 B1 20230607 (EN)**

Application

**EP 19180578 A 20190617**

Priority

EP 19180578 A 20190617

Abstract (en)

[origin: EP3754674A1] The present disclosure relates to an insulating liquid (26) for an enclosure (24) intended to enclose an inductive device comprising a winding (20) surrounded by solid insulation (22) as well as to an inductive arrangement comprising a container (24) with such an inductive device (12) and insulating liquid (26). The insulating liquid (26) comprises a first main component in the form of a first oil having an equilibrium resistivity of at least  $10^{13}$  ohm metres and at least one second auxiliary component in the form of a second oil or additive having a lower equilibrium resistivity causing the equilibrium resistivity of the insulating liquid to be at least  $10^{11}$  ohm metres and at most half the value of the equilibrium resistivity of the first oil when in use in the enclosure.

IPC 8 full level

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