

Title (en)

INSULATING ASSEMBLY FOR AN HVDC COMPONENT HAVING WALL-LIKE SOLID BARRIERS

Title (de)

ISOLATIONSANORDNUNG FÜR EINE HGÜ-KOMPONENTE MIT WANDARTIGEN FESTSTOFFBARRIEREN

Title (fr)

DISPOSITIF D'ISOLATION POUR UN COMPOSANT DE TRANSMISSION DE COURANT CONTINU HAUTE TENSION COMPORTANT DES BARRIÈRES AUX SOLIDES DE TYPE PAROI

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Application

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Priority

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Abstract (en)

[origin: WO2012093053A1] The invention relates to an insulating assembly for an HVDC component, such as a transformer, for example. According to the invention, solid barriers (26, 27) are produced from a cellulose material-containing composite, the resistivity of which is lower as compared to untreated cellulose material. The wall thickness of the solid barriers (26, 27) can thus advantageously be reduced, whereby, for example, the leakage flux channel width (35) between the individual elements (22, 23) in the HVDC component can be reduced. Thus, design freedom is advantageously increased, which results especially in a more compact construction. The invention can be used in particular for HVDC transformers and HVDC reactors.

IPC 8 full level

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