

Title (en)

DISCONNECTION POINT OF A WIRE FEEDTHROUGH FOR AN HVDC COMPONENT

Title (de)

TRENNSTELLE EINER LEITUNGSDURCHFÜHRUNG FÜR EINE HGÜ-KOMPONENTE

Title (fr)

POINT DE COUPURE D'UN PASSAGE DE CONDUITE POUR UN COMPOSANT DE TRANSMISSION DE COURANT CONTINU HAUTE TENSION

Publication

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Application

EP 11805876 A 20111227

Priority

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- EP 2011074087 W 20111227

Abstract (en)

[origin: WO2012093054A1] The invention relates to disconnection point of a wire feedthrough for an HVDC component, such as an HVDC transformer, for example. A wire (22) is guided inside jacket tubes (21a, 21b, 21i), which are preferably made of metal. According to the invention, said jacket tubes are provided with a coating (25) made of a treated cellulose material or plastic material, wherein according to the invention the resistivity of said layer is adapted to that of transformer oil provided in the gaps (24) between the jacket tubes and additional solid insulating barriers (23a, 23b, 23c). By adapting the resistivity of the insulation elements to the transformer oil, a dielectric strength of the barriers that are used can advantageously be improved, and the design freedom for the disconnection point is thereby increased.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012093054A1

Citation (examination)

WO 2007107492 A1 20070927 - SIEMENS AG [DE], et al

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