

Title (en)  
WIRING ARRANGEMENT FOR HVDC TRANSFORMER WINDINGS OR HVDC REACTOR WINDINGS

Title (de)  
LEITUNGSFÜHRUNG FÜR HGÜ-TRANSFORMATORSPULEN ODER HGÜ-DROSSELSPULEN

Title (fr)  
GUIDE DE CONDUITES POUR DES TRANSFORMATEURS DE TRANSMISSION DE COURANT CONTINU HAUTE TENSION ET DES BOBINES DE RÉACTANCE DE TRANSMISSION DE COURANT CONTINU HAUTE TENSION

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Application  
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Abstract (en)  
[origin: WO2012093055A1] The invention relates to a wiring arrangement (28) for electrical wires (29) of HVDC transformer windings (22) or HVDC reactor windings. According to the invention, at least the insulating layer (30) of an electrode tube (21) is, and preferably also the solid barriers (26, 32) are, produced from a cellulose material, the resistivity of which is lowered, by means of a treatment, as compared to untreated cellulose material and is thus brought more in line with the resistivity of transformer oil. This allows more space-saving and more puncture-proof insulating sections (25) to be produced for the aforementioned HVDC components, which advantageously increases the design freedom for creating said wiring arrangements.

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