

Title (en)

CONDUCTOR FOR WINDINGS COOLED BY LIQUID

Title (de)

LEITER FÜR FLÜSSIGKEITSGEKÜHLTE WICKLUNGEN

Title (fr)

CONDUCTEUR POUR DES ENROULEMENTS REFROIDIS PAR LIQUIDE

Publication

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Application

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Abstract (en)

[origin: WO2005031768A2] The invention relates to a conductor for windings cooled by liquid, especially for transformer windings, comprising an insulating covering which surrounds the entire conductor (1). At least one layer (2) of the covering completely surrounds the conductor (1). An external layer (3) provided with at least two layers (2, 3) of the covering comprises openings (4), holes (5) or frays (6) through which a coolant flowing around the conductor is placed in a turbulent state and better heat exchange is obtained. The invention also relates to a corresponding transformer cooled by liquid and a choke coil cooled by liquid.

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