

Title (en)
METHOD FOR THE PRODUCTION OF AN ELECTRICALLY INSULATING AND MECHANICALLY STRUCTURING SLEEVE ON AN ELECTRIC CONDUCTOR

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER ELEKTRISCH ISOLIERENDEN UND MECHANISCH STRUKTURIERENDEN MANTELUNG AUF EINEM ELEKTRISCHEN LEITER

Title (fr)
PROCEDE DE FABRICATION D'UNE GAINE ELECTRIQUEMENT ISOLANTE ET MECANIQUEMENT STRUCTURANTE SUR UN CONDUCTEUR ELECTRIQUE.

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Application
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Abstract (en)
[origin: US2007042910A1] This invention applies in particular to the manufacture of superconducting magnets. A ceramic precursor in the form of a fluid solution is formed, said ceramic precursor being a liquid consisting of a solution comprising water, glass frit and a suspension of clay in water, without any organic element, then a coating for the conductor is formed with said precursor and said coating is heat-treated in order to form the ceramic.

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