

Title (en)  
METHOD FOR PREPARING CONDUCTIVE COMPOSITE MATERIALS BY DEPOSITION OF A CONDUCTIVE POLYMER IN AN INSULATING POROUS SUBSTRATE AND SOLUTION FOR USE IN SAID PREPARATION

Title (de)  
HERSTELLUNG VON ELEKTRISCH LEITFÄHIGEN VERBUNDKÖRPERN DURCH ABSCHIEDUNG EINES LEITFÄHIGEN POLYMERS AUF EINEM PORÖSEN ISOLIERENDEN SUBSTRAT UND LÖSUNG, DIE FÜR DIESE ZUBEREITUNG VERWENDET WIRD

Title (fr)  
PREPARATION DE MATERIAUX COMPOSITES CONDUCTEURS PAR DEPOT D'UN POLYMERE CONDUCTEUR DANS UN SUBSTRAT POREUX ISOLANT ET SOLUTION UTILE POUR CETTE PREPARATION

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Application  
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Abstract (en)  
[origin: WO0203396A1] The invention concerns a method for preparing a conductive composite material, which consists in carrying out at least a deposition cycle comprising the following steps: a) contacting an insulating porous substrate (1) with a conductive polymer solution such as polyaniline, in a volatile organic solvent such as trifluoroacetic acid; and b) eliminating the organic solvent by evaporation to form a conductive polymer deposition (5) in the pores (3) of the porous substrate.

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