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WO 2005/033378 A1 (54) Title: METHOD FOR FORMING A POLYMER FILM ON A SURFACE THAT CONDUCTS OR SEMICONDUCTS ELECTRICITY BY MEANS OF ELECTROGRAFTING, SURFACES OBTAINED, AND APPLICATIONS THEREOF

(54) Titre : PROCEDE DE FORMATION D'UN FILM POLYMERE SUR UNE SURFACE CONDUCTRICE OU SEMI-CONDUCTRICE DE L'ELECTRICITE PAR ELECTRO-GREFFAGE, SURFACES OBTENUES ET APPLICATIONS

(57) Abstract: The invention relates to a method for forming a polymer film on a surface that conducts or semiconducts electricity by means of electrografting. Said method uses an electrolytic solution containing a selected quantity of Brønsted acid. The invention also relates to the electrically conductive or semiconductive surfaces obtained by means of said method.

(57) Abrégé : La présente Invention est relative à un procédé de formation d'un film polymère sur une surface conductrice ou semi-conductrice de l'électricité par électro-greffage mettant en œuvre une solution électrolytique renfermant un acide de Brønsted en quantité sélectionnée, ainsi qu'aux surfaces conductrices ou semi-conductrices de l'électricité obtenues en mettant en œuvre ce procédé.



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