

Title (en)

Method for the covalent grafting of a polyarylene film on an electrically conductive or semi-conductive surface

Title (de)

Kovalentes Pfropfverfahren einer Polyarylenschicht auf eine leitfähige oder halbleitende Oberfläche für Strom

Title (fr)

Procédé de greffage covalent d'un film d'un polyarylène sur une surface conductrice ou semi-conductrice de l'électricité

Publication

**EP 2676740 B1 20190605 (FR)**

Application

**EP 13172337 A 20130617**

Priority

FR 1255738 A 20120619

Abstract (en)

[origin: EP2676740A1] The method involves immersing a conducting or semiconducting surface of electricity in a solution (12) of aryldiazonium salt or salt precursor with a preset time, and removing the surface from the solution. A part of the surface is in physical contact with an element made of electricity conducting material during the immersion of the surface in the solution, where the material has a standard oxydoreduction potential lower than 0.15 volt at standard oxydoreduction potential provided by the surface. The solution is maintained at temperature equal to 20 degree Celsius.

IPC 8 full level

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CPC (source: EP)

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