

Title (en)
NOVEL COMPOSITIONS AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
NEUE ZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
NOUVELLE COMPOSITION ET SON PROCÉDÉ DE PRODUCTION

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Application
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Abstract (en)
[origin: WO2008006945A1] A solution of an inherently conductive polymer, such as polyaniline or poly(thiophene)s in a polar solvent, a method of its preparation and the use of the solution. According to the 5 invention, the polymer is doped with a sulphonated polymer containing aromatic repeating units which form a rigid or semi-rigid backbone. The sulphonated polymer forms a doped, conductive complex with a polymer comprising a conjugated polymeric chain and it contains a sufficient amount of free sulphonic groups to maintain the complex in solution. The novel solutions can be used for producing conductive films, for coating various substrates 10 and for producing electrically conductive ink formulations for printed electronics applications.

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