

Title (en)

POLYMERIC NANOFIBRIL NETWORK FOR PHOTOVOLTAIC CELLS

Title (de)

POLYMERES NANOFASERNETZ FÜR PHOTOVOLTAISCHE ZELLEN

Title (fr)

RESEAU DE NANOFIBRILLES POLYMERIQUES POUR CELLULES PHOTOVOLTAIQUES

Publication

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Application

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Abstract (en)

[origin: WO2007048909A1] The invention concerns a method for preparing a polymer composition with photovoltaic properties including a step of mixing in a solvent at least one electron donor semiconductive polymer material substantially in the form of nanofibrils and at least one electron acceptor material in the solvent, said nanofibrils representing less than 10 wt. % of the electron donor semiconductive polymer material. The invention also concerns polymer compositions with photovoltaic properties, and photovoltaic cells incorporating such polymer compositions.

IPC 8 full level

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