

Title (en)
COMPOSITION OF AN ORGANIC PHOTOVOLTAIC CELL OF A PHOTOVOLTAIC MODULE

Title (de)
ZUSAMMENSETZUNG AUS EINER ORGANISCHEN PHOTOVOLTAISCHEN ZELLE EINES PHOTOVOLTAIKMODULS

Title (fr)
COMPOSITION D'UNE CELLULE PHOTOVOLTAÏQUE ORGANIQUE D'UN MODULE PHOTOVOLTAÏQUE

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Abstract (en)
[origin: WO2012164194A1] The present invention relates to a composition of an active film of an organic photovoltaic cell, comprising: an electron-donor material consisting of a conjugated polymer; and an electron-acceptor material consisting of a polymer, characterized in that the active film comprises a copolymer with a linear structure comprising: two to five blocks, at least two blocks of which have different chemical natures; two consecutive blocks having different chemical natures; each block having a molar mass of between 500 g/mol and 50,000 g/mol. The invention also relates to an organic-cell-based photovoltaic module incorporating such a composition and the use of this composition for the same purposes.

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