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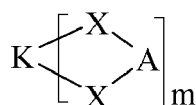
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(54) **FLUORINATED AROMATIC SMALL MOLECULES AS FUNCTIONAL ADDITIVES FOR DISPERSION OF CONDUCTIVE POLYMERS**

(57) The present invention relates to a compound having a general formula Ib



Ib

wherein

K

represents an aromatic or heteroaromatic group in which at least one hydrogen atom may be substituted by a functional groups selected from the group consisting of a sulfonic acid group, a sulfuric acid group, an ammonium group and an aliphatic group;

X

is selected from the group consisting of a C-C-bond, O, S, SO₂ and NR', wherein R' represents a hydrogen or an aliphatic or aromatic group;

A

represents a fluorinated or perfluorinated aromatic group;

m

represents an integer in the range from 1 to 3.

The present invention also relates to a composition comprising this compound, to a process for the preparation of a conductive layer using this composition, to a conductive layer comprising the compound according to the present invention, to electronic components comprising this conductive layer and to the use of the compound according to the present invention as an additive in a hole-injection layer of an OLED or in an organic solar cell.



EUROPEAN SEARCH REPORT

Application Number
EP 21 17 4566

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A	* paragraphs [0059] - [0064], [0095] - [0096], [0107] - [0108]; examples 4-6,12-19,21 *	3,5-8,10	H01L51/54 C07C13/00 H01L51/50
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Place of search		Date of completion of the search	Examiner
The Hague		8 September 2021	Welter, Steve
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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