Title (en)
CARBONYL DERIVATIVES HAVING A C3 SYMMETRY, THEIR PREPARATION AND USES THEREOF

Title (de)
CARBONYLDERIVATE MIT C3-SYMMETRIE, IHRE HERSTELLUNG UND ANWENDUNGEN DAVON

Title (fr)
DERIVES CARBONYLES PRESENTANT UNE SYMETRIE EN C3, LEUR PREPARATION ET LEURS UTILISATIONS

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Application
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Abstract (en)
[origin: WO2010038252A2] The invention relates to 1,3,5-benzene derivatives and corresponding radical-anions and radical-cations of the general formula (I): wherein: Z is a group chosen from among C=O, CONH, CONR, CONAr; m is an integer >0, preferably m = 1; A is a group chosen from among the radicals of: biphenylene, carbazole, fluoranthene, fluorene, dibenzothiofene, dibenzofurane, fluorenone, bifluorenylidene, triphenylene, cyclooctatetraene (COT), dibenzocyclooctatetraene (DBCOT), coronene, acenaphtylene, triptycene, azulene, benzo(ghi)fluoranthene, 2-phenyl-l,3,4-oxadiazole, anthracene. R and Ar are alkyl and aryl respectively and have the meaning indicated herein below. The invention also relates to the method for synthesizing said compounds and to their use in particular as components of matrices in the molecular electronics, spintronics and telecom fields.

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