

Title (en)

REACTIVE MESOGENIC CHARGE TRANSPORT COMPOUNDS CONTAINING AT LEAST TWO THIOPHENE GROUPS

Title (de)

REAKTIVE MESOGENE LADUNGSTRANSPORTVERBINDUNGEN MIT WENIGSTENS ZWEI THIOPHENGGRUPPEN

Title (fr)

COMPOSES REACTIFS MESOGENES A TRANSFERT DE CHARGE CONTENANT AU MOINS DE GROUPEMENTS THIOPHERE

Publication

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Application

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Abstract (en)

[origin: WO2005080369A2] The invention relates to new reactive mesogenic compounds with charge transport properties comprising at least two thiophene groups, their use as semiconductors or charge transport materials, in optical, electro-optical or electronic devices like for example liquid crystal displays, optical films, organic field effect transistors (FET or OFET) for thin film transistor liquid crystal displays and integrated circuit devices such as RFID tags, electroluminescent devices in flat panel displays, and in photovoltaic and sensor devices, and to a field effect transistor, light emitting device or ID tag comprising the reactive mesogenic charge transport compounds.

IPC 8 full level

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CPC (source: EP US)

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