

Title (en)

ORGANIC COMPOUNDS WITH DELAYED FLUORESCENCE EMISSION AND CIRCULARLY POLARISED LUMINESCENCE AND USE THEREOF

Title (de)

ORGANISCHE VERBINDUNGEN MIT VERZÖGERTER FLUORESCENZEMISSION UND ZIRKULAR POLARISIERTER LUMINESZENZ UND DEREN VERWENDUNG

Title (fr)

COMPOSES ORGANIQUES A EMISSION DE FLUORESCENCE RETARDEE ET DE LUMIERE CIRCULAIREMENT POLARISEE ET LEUR UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO2022013112A1] The present invention relates to compounds simultaneously having thermally activated delayed fluorescence (TADF), circularly polarised luminescence (CPL) and aggregation-induced emission enhancement (AIEE) properties. The invention also relates to the use of such compounds as a photocatalyst or as a dopant, in particular in the emitting layers of light-emitting diodes (OLEDs), as well as light-emitting devices or light-emitting diodes (OLEDs) comprising such compounds.

IPC 8 full level

C07D 491/22 (2006.01)

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Citation (search report)

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