

Title (en)

USE OF PHENOTHIAZINE-S-OXIDES AND PHENOTHIAZINE -S,S-DIOXIDES IN THE FORM OF MATRIX MATERIALS FOR ORGANIC LIGHT-EMITTING DIODES

Title (de)

VERWENDUNG VON PHENOTHIAZIN-S-OXIDEN UND -S,S-DIOXIDEN ALS MATRIXMATERIALIEN FÜR ORGANISCHE LEUCHTDIODEN

Title (fr)

UTILISATION DE PHENOTHIAZIN-S-OXYDES ET DE PHENOTHIAZINE-S,S-DIOXYDES EN TANT QUE MATIERES MATRICIELLES POUR DIODES LUMINESCENTES ORGANIQUES

Publication

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Application

**EP 05808298 A 20051123**

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Abstract (en)

[origin: WO2006056416A1] The invention relates to the use of phenothiazine-S-oxides and phenothiazine-S,S dioxides in the form of matrix materials for organic light-emitting diodes, in particular in the form of matrix materials in the light-emitting layer of the organic light-emitting diodes. The organic light-emitting diodes comprising the organic layer which contains at least one type of phenothiazine-S-oxide or phenothiazine-S,S dioxide in the form of matrix materials and at least one another substance distributed therein in the form of an emitter, the light-emitting layers consisting of one or several types of phenothiazine-S-oxides or phenothiazine-S,S dioxides in the form of the matrix material and at least another substance distributed therein in the form of the emitter, the organic light-emitting diodes comprising corresponding light-emitting layers and devices provided with corresponding organic light emitting diodes are also disclosed.

IPC 8 full level

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