

Title (en)

MATERIAL FOR PRODUCING A FUNCTIONAL LAYER OF AN ORGANIC ELECTRONIC COMPONENT

Title (de)

MATERIAL ZUR HERSTELLUNG EINER FUNKTIONSSCHICHT EINES ORGANISCHEN ELEKTRONISCHEN BAUELEMENTS

Title (fr)

MATÉRIAU DE FABRICATION D'UNE COUCHE FONCTIONNELLE D'UN COMPOSANT ÉLECTRONIQUE ORGANIQUE

Publication

EP 2047532 A2 20090415 (DE)

Application

EP 07786387 A 20070727

Priority

- EP 2007006675 W 20070727
- DE 102006035750 A 20060728

Abstract (en)

[origin: DE102006035750A1] The material has a conductive semiconductor photo or thermo active self emitting electro chrome and insulating functional material is included or detached in a polymer as matrix in such a way that the functional characteristics of the functional material are kept maintained in the polymer matrix or positively strengthened. The polymer matrix affects the simple processing and stability of the material. The material can be used as pressure medium in normal conditions and is low molecular. The material is kept in form of an n-conductive dye in combination with a p-conductive polymer matrix.

IPC 8 full level

H01L 51/42 (2006.01); **H01L 51/54** (2006.01)

CPC (source: EP US)

H10K 30/30 (2023.02 - EP US); **H10K 50/11** (2023.02 - EP US); **H10K 71/135** (2023.02 - EP US); **H10K 71/611** (2023.02 - EP US); **H10K 10/00** (2023.02 - US); **H10K 85/111** (2023.02 - EP US); **Y02E 10/549** (2013.01 - EP US)

Citation (search report)

See references of WO 2008022691A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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