

Title (en)

REDOX SYSTEMS FOR STABILIZATION AND LIFE EXTENSION OF POLYMER SEMICONDUCTORS

Title (de)

REDOXSYSTEME ZUR STABILISIERUNG UND LEBENSDAUERVERLÄNGERUNG VON POLYMEREN HALBLEITERN

Title (fr)

SYSTEMES REDOX POUR LA STABILISATION ET LA PROLONGATION DE LA DUREE DE VIE DE SEMI-CONDUCTEURS POLYMERES

Publication

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Application

**EP 06829489 A 20061211**

Priority

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Abstract (en)

[origin: WO2007068423A1] The invention relates to an organic electronic component with better voltage stability, and to a method for its production, with the voltage stability of the device being improved by deliberate addition of additives and/or by formation of an interlayer. The invention for the first time makes it possible to stabilize organic electronic components by modification with a reducing, oxidizing and/or redox system comprising one and/or more functional materials and/or by incorporation of one or more intermediate layers which, as a major component, comprises a reducing, oxidizing and/or redox system, particularly in the area of relatively high voltages.

IPC 8 full level

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