

Title (en)

LARGE-AREA PHOTOVOLTAIC DEVICES AND METHODS OF MAKING SAME

Title (de)

GROSSFLÄCHIGE PHOTOVOLTAISCHE VORRICHTUNGEN UND HERSTELLUNGSVERFAHREN

Title (fr)

DISPOSITIFS PHOTOVOLTAIQUES DE ZONE ETENDUE ET PROCEDES DE FABRICATION

Publication

EP 1716594 A1 20061102 (EN)

Application

EP 04709404 A 20040209

Priority

US 2004003679 W 20040209

Abstract (en)

[origin: WO2005086255A1] An organic photovoltaic ("PV") device comprises a plurality of organic PV cells connected in series to cover a large area. The organic PV device optionally has an electrical circuit element connected in parallel to each organic PV cell. The organic PV device allows for continued operation even when short circuits develop or electrical interruption occurs in one of the cells. The device is conveniently manufactured using a shadow mask, which allows for the formation of several consecutive layers in one apparatus.

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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