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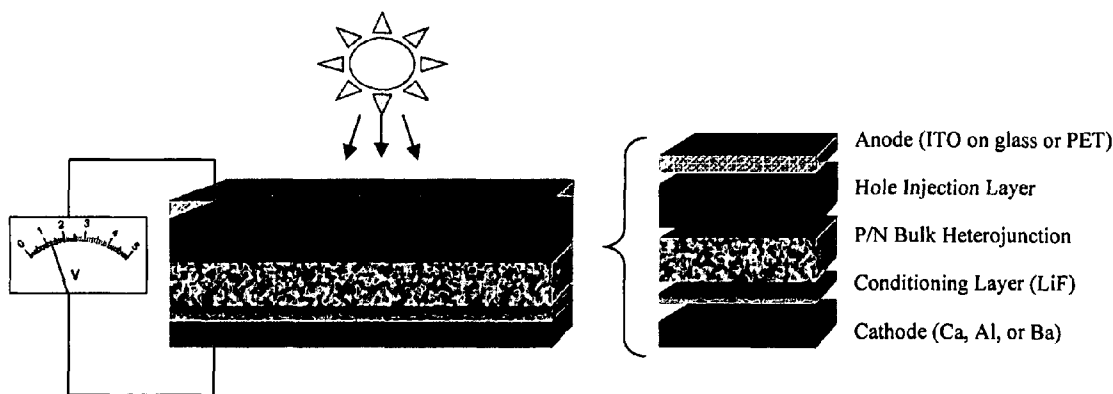
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(54) Title: ORGANIC PHOTOVOLTAIC DEVICES COMPRISING FULLERENES AND DERIVATIVES THEREOF



A typical conductive polymer photovoltaic (solar) cell

(57) Abstract: Photovoltaic cells comprising an active layer comprising, as p-type material, conjugated polymers such as polythiophene and regioregular polythiophene, and as n-type material at least one fullerene derivative. The fullerene derivative can be C60, C70, or C84. The fullerene also can be functionalized with indene groups. Improved efficiency can be achieved.

WO 2008/018931 A2