

Utilization of MEH-PPV as a sensitizer in titana-based photovoltaic cells

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Abstract

A conjugated polymer poly[2-methoxy-5(2-ethyl-hexyloxy)-p-phenylene vinylene] (MEH-PPV) is utilized as the light-harvesting agent in a photovoltaic cell. Sensitized anodic and cathodic photocurrents are observed for CuCNS|MEH-PPV|TiO₂ cells and heterojunctions with MEH-PPV.
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