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Recent Organic Solar Cell Technology and Market Forecast (2010~2015)

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Abstracts

2011, Recent Organic Solar cell(OPV) Development Trend, Patent Analysis and Market Forecast

Key Patent Analysis of Major Businesses and Research Institutes

Organic Material Development Trend, New Devices and Module Technology Analysis

Approx. 30 Companies' Recent R&D Information and Product Release Plan

Organic Solar cell(OPV) Market Forecast by Applications

Recent Organic Solar cell(OPV) Technology Trend and Market Forecast(2010~2015)

Organic Solar cell (OPV) using with conjugated polymer donnor and fullerene acceptor, has rapidly been developed for recent years. It is surely one of the alternatives with high potential in the future field of PV. The unit cell with photoactive materials that were recently developed has more than 8% efficiency, commercializing in a short time. Of course, the large-sized module applied with flexible substrate still has low efficiency but is rapidly being improved by developing sequence printing technology. Many are increasingly in expectation of commercialization.

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