

# Photovoltaic panel patent technology achievements display

The patents on photovoltaic cells are concentrated in the area of semiconductors for the conversion of solar radiation into electric energy, in the area of generators for the direct conversion of light energy ...

Most patents were filed by companies and related to thin-film and crystalline-silicon cells as well as panel encapsulation and supporting structures. The analysis reviews the quantity, quality ...

The office's technology insight report analyzed 50-year trends across 30 technologies, examining 340,000 inventions - including 70,000 international patent families (IPFs) - covering PV materials, ...

The European Patent Office's latest technology insight report highlights developments in photovoltaics over the past five decades. It tracks patenting activity across more than 30 ...

We therefore had to define these various data sets - SETO-funded PV patents; Other DOE-funded PV patents; and PV patents assigned to the leading organizations in this technology.

This report offers valuable insights for both public and private sector decision-makers, drawing on the latest patent data and the combined expertise of the EPO and the European ...

The latest technology insight report from the EPO's Observatory on Patents and Technology reveals that innovation in photovoltaics has experienced significant growth over the last ...

The latest technology insight report from the EPO's Observatory on Patents and Technology, published in July 2025, presents technology trends in photovoltaics over the past five ...

The European Patent Office's Observatory on Patents and Technology says innovation in PV has grown more than seventeen-fold over the last three decades. The office's technology insight...

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