

Title: Solar power generation patent purchase

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Are solar cell patents a business strategy for project-based licensing?

This study aimed to establish a business strategy framework for project-based licensing through the analysis of solar cell patents and the integration of supply chain manufacturers' patents, with the goal of collectively creating market value for patents in a sustainable manner.

What are the patents for solar cells?

The patents that stand out in this TR are: US20040200520A1 (Metal contact structure for solar cell and method of manufacture), US20050016585A1 (Manufacturing a solar cell with backside contacts), US20060130891A1 (Back-contact photovoltaic cells) and US20070186970A1 (Solar cell and method of fabricating the same).

How many solar cell patents are there?

A thorough examination of the intricate solar cell patents revealed that the fifteen most prominent solar cell patent projects, comprising a considerable total of 5579 patents, encompass a comprehensive tally of 3297 patent documents. This detailed information is presented in Table 3 below. Table 3. Ranking of patents in the solar cell field.

How many patents are there for solar modules?

The TR of Mechanisms for Assembling Solar Modules (Fig. 5) is made up of 35 patents, extracted from a cluster of 11,830 patents and 24,174 citations, all of them protected in the USA, and more recently protected in China, EPO, Japan, Canada and the United Kingdom (UK).

If the cost per watt of a given solar power generation system is uncompetitive with traditional power generation sources in the same sector, the solar power system becomes ...

The total number of published PCT applications for renewable energy can be divided into the four main sectors: solar power, fuel cells (which generate electricity through chemical reactions), ...

The value of a solar energy patent can vary significantly based on several factors, including the novelty and applicability of the technology, market demand, the geographical scope of ...

U.S. Patent No. 10,526,056 for "Generation of electric power using wave motion, wind energy and solar



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energy" would be a strategic acquisition for any tidal power generation, wind turbine ...

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Given the importance of patents to protect solar IP, the rapid growth of the solar industry, and the complexity of the current patent landscape, we strongly recommend partnering with an ...

The theoretical gap lies in the opportunity to improve the prospecting studies, enabling an understanding of the trends in technologies for the development of solar PV energy through an ...

Annual patents filed for renewable energy technologies, World Data only includes energy source technologies, and excludes technologies such as energy storage or transport.

Patsnap Eureka AI that helps you search prior art, draft patents, and assess FTO risks, powered by patent and scientific literature data. Photovoltaic (PV) power generation is widely used in human life ...

How many solar energy patents are there? Using this retrieval strategy, we assembled 242,631 solar energy patents, 74,800 wind energy patents, 37,675 biomass energy patents, 17,228 geothermal ...

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