

Can Qcells and CE leverage Leco Technology in the solar sector?

Danielle Merfeld, the Global CTO of Qcells, noted the willingness of Qcells and CE to collaborate with other industry players to leverage the advantages of LECO technology in the solar sector.

Can a passivation technology improve PERC & Topcon solar cells?

The technology is known to enhance the efficiency of PERC and TOPCon solar cells. South Korea-based solar module manufacturer Hanwha Qcells is still in patent litigation with photovoltaic competitors in various regions of the world over possible infringement of its patents for a passivation technology.

Can laser treatment increase PERC & Topcon solar cell efficiency?

The LECO technique is reportedly able to raise PERC and TOPCon solar cell efficiency by between 0.2% and 0.5%. It reportedly achieves a high throughput through a lean and cost-effective laser treatment.

First Solar, Inc. announced that it owns patents related to the manufacturing of Tunnel Oxide Passivated Contact (TOPCon) crystalline-silicon (c-Si) photovoltaic (PV) solar cells. First Solar acquired these U.S. patents and their international counterparts through its ...

If you're innovating in the solar industry, patents will be a primary tool for legally protecting your IP. This is because solar power systems can typically be reverse engineered ...

MegaCell S.r.l. and RCT Solutions announce together the signature of a Technical Co-development and License Agreement for the technology transfer in favour of MegaCell for the industrial production of Photovoltaic (PV) poly-crystalline bi-facial solar cells.

This study examines technological collaboration in the solar cell industry using the information of patent assignees and inventors as defined by the United States Patent and Trademark Office. Three different collaborative types, namely local (same city), domestic (different cities of the same country), and international collaboration, are ...

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According to news released on January 6, the latest data from the CNIPA reveals that China currently leads the world in the number of patent applications for solar cells, with a total of 126,400 applications. This accomplishment underscores China's ...

Nearly all types of solar photovoltaic cells and technologies have developed dramatically, especially in the past 5 years. Here, we critically compare the different types of photovoltaic ...

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