

Patented solar bracket technology



Overview

The patent US12031750B2 describes a mounting system designed for power-generating devices, particularly photovoltaic modules. The system features a frame that includes an opening on its lateral side, and a bracket mounting assembly that consists of a top member and a clamp. Recently, following rigorous review by the National Intellectual Property Administration, SOEASY's independently developed " 3D Solar Mounting Structure " has been officially granted a national invention patent (Patent No. This marks another significant breakthrough for. A solar module mounting system includes a solar module bracket comprising a central panel, first side panel, and second side panel that together form a U-shaped configuration defining a channel for receiving a back rail of a solar panel module. The bracket comprises a photovoltaic panel supporting frame and a plurality of lower supporting frames, wherein each lower supporting frame has a base, a first upright column, a second upright column and a diagonal brace; each first upright column. Klockner & Co has been granted a patent for a structural bracket designed for solar mounting systems. delivers the speed and simplicity installers want, with the strength and adaptability they need. and preassembled components that reduce parts on the roof. The foldable PV coupling assembly may fold/unfold.

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CN106712674A

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Patent Filed by Klockner & Co for Solar Mounting System Bracket

Discover Klockner & Co SE's innovative solar mounting bracket, patented for secure installation and enhanced stability in solar systems. Learn more about its unique design!



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SOLAR PANEL MOUNTING BRACKET

The referenced patent application describes a solar panel foundation system 101 that includes a bracket, braces, and members 103, which can serve as a basis for the enhancements detailed in this ...

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Solar photovoltaic linkage tracking bracket

The utility model mainly aims to provide a solar photovoltaic linkage tracking bracket which can be used for carrying out the condition of dust attached to the surface of a photovoltaic panel

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Sunrun Inc Patent Filing for Solar Power

Discover Sunrun Inc.'s innovative patent for mount and clamp assemblies revolutionizing solar power installations. Simplify installation processes with a unique design featuring rails, wings, and secure ...

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SOEASY Expands Portfolio: National Invention Patent Granted for ...

SOEASY's patented solar mounting system offers adjustable, easy-to-install solar brackets. This innovative solar racking solution reduces costs for commercial and utility PV projects.

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WO/2025/208935 ADJUSTABLE SOLAR BRACKET

WO2025208935 - ADJUSTABLE SOLAR BRACKET. A photovoltaic (PV) support structure is configured to support a PV

array of PV panels. The PV support structure includes a foldable PV coupling ...



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SOLAR MODULE MOUNTING BRACKET FOR MOUNTING RAIL

A solar module mounting system includes a solar module bracket comprising a central panel, first side panel, and second side panel that together form a U-shaped configuration defining a channel for ...



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Why Patents Matter: How Innovation in Mounting Systems Supports Solar

In the solar world, that means a mounting innovation like a clamp or bracket can be protected--so the people who put in the work and expense to design and develop it can achieve the fruits of their efforts and ...

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Array Technologies Inc Patent: Adjustable Clamp for Power Devices

Discover Array Technologies' innovative

patent for a versatile mounting system for photovoltaic modules, enhancing stability and ease of installation for power-generating devices.

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