

Title (en)

ASSEMBLY FOR FASTENING A PLURALITY OF SOLAR MODULES TO A BUILDING ROOF OR A BUILDING FACADE AND CLIP FOR FORMING A STOP ELEMENT ON A SURFACE

Title (de)

ANORDNUNG FÜR DIE BEFESTIGUNG VON MEHREREN SOLARMODULEN AUF EINEM GEBÄUDEDACH ODER EINER GEBÄUDEFASSADE UND CLIP ZUR BILDUNG EINES ANSCHLAGELEMENTS AUF EINER FLÄCHE

Title (fr)

SYSTÈME DE FIXATION DE PLUSIEURS MODULES SOLAIRES SUR UN TOIT DE BÂTIMENT OU UNE FAÇADE DE BÂTIMENT ET CLIP POUR FORMER UN ÉLÉMENT DE BUTÉE SUR UNE SURFACE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010108288A2] The invention relates to a fastening assembly for solar modules (1), wherein the solar modules (1) are fastened to carrier profiles (2) arranged in several rows by way of clamping elements (3, 4) in that each clamping element (3, 4) extends over the mutually opposing delimiting edges of two solar modules (2), which run transversely to the carrier profile (2) and adjoin the clamping element (3, 4) on both sides. Each clamping element (3, 4) comprises a ridge element (3) and a head element (4) designed separate therefrom. The ridge element (3) is designed as a profile section and attached at the lower end thereof to the carrier profile (2) through insertion into profile contours of the carrier profile. The head element (4) is attached to the ridge element (3) in the region of the upper end of said element by being inserted into profile contours of the ridge element (3). To this end, the head element (3) protrudes beyond the ridge element (3) on both sides in the profile longitudinal direction of the ridge element (3) so as to extend over the delimiting edges of the solar modules (1) to be fastened. The invention provides a fastening system which comprises few components (2, 3, 4) that can be produced cost-effectively and enables the simple and secure fastening of solar modules (1) even under difficult ambient conditions by using delimiting edges that run transversely to the carrier profiles (2).

IPC 8 full level

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