

Title (en)  
PHOTOVOLTAIC INSTALLATION ADAPTED TO ALTITUDE

Title (de)  
HÖHENADAPTIERTE FOTOVOLTAIKANLAGE

Title (fr)  
INSTALLATION PHOTOVOLTAÏQUE ADAPTÉE À L'ALTITUDE

Publication  
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Application  
**EP 13707572 A 20130214**

Priority  
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Abstract (en)  
[origin: WO2013120923A1] The present invention concerns a photovoltaic installation characterised by the fact that it comprises a plurality of photovoltaic panels arranged dihedrally, each dihedron (4) being intended to be positioned on a roof of a building in such a way that the dihedral angle is intended to form a projection angle disposed opposite said roof (7) and forms, with the roof (7), an air duct configured to receive and allow the circulation of air from the building, or indeed other air, whereof the temperature will be: in winter higher than the melting temperature of snow or frost and ice; in summer lower than that of the air outside the dihedron. The invention can be applied to high altitude regions where the sunshine and radiation levels are greater and where the efficiency of photovoltaic panels is greater, eliminating the drawbacks and uncertainties of snow cover, which acts as an obstacle thereto.

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