

Title (en)
Solar generator

Title (de)
Solarzellengenerator

Title (fr)
Générateur solaire

Publication
EP 1314849 A3 20040102 (DE)

Application
EP 02026233 A 20021126

Priority
DE 10157765 A 20011127

Abstract (en)
[origin: EP1314849A2] The apparatus comprises a solar cell (2) which is located under a hood-shaped cover (3). The cover may be made of a translucent and/or light-controlling material. The cover is fixed to a side of a housing (1), and the solar cell is placed on the upper side of the housing and underneath the cover. The cover may be formed as polyhedron, pyramid-shaped, cone-shaped, paraboloidal or ellipsoid. The apparatus further comprises a light sensor, wind sensor (4,5), temperature sensor and condensation sensor. The control signals of the sensors (4,5) may be transmitted by radio, infrared or ultrasound to a control unit or may be transmitted directly to the electric motors which actuate the protecting mechanisms. The sensor is adjustable and/or programmable in such a way that threshold values for the light, wind, condensation or the temperature sensors are adjustable, with priorities assigned to them.

IPC 1-7
E06B 9/68

IPC 8 full level
E06B 9/68 (2006.01)

CPC (source: EP)
E06B 9/68 (2013.01); **E06B 2009/2476** (2013.01); **E06B 2009/6827** (2013.01); **E06B 2009/6863** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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