

Title (en)
SOLAR COLLECTOR

Title (de)
SONNENKOLLEKTOR

Title (fr)
CAPTEUR SOLAIRE

Publication
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Application
EP 98942444 A 19980918

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Abstract (en)
[origin: WO9914536A1] The invention relates to a solar collector device, comprising several solar collector modules, each solar collector module having an attachment unit (2) for attaching the solar collector module on or in the surface of a building, preferably the surface of a roof or a facade, and an active collector unit (3) with at least one heat collector (30). The purpose of said heat collector is to heat a heat carrier medium using solar radiation, said heat carrier medium flowing through the collector unit (3). The solar collector modules can be arranged in rows (I, II, III) which are positioned one above the other and staggered along the surface of the building. Each solar collector module comprises a support panel (1), a top section of said support panel forming the attachment unit (2) and at least one heat collector (30) being located on the bottom section of the support panel (1). The attachment unit (2) can be covered by the active collector units (3) of the adjacent solar collector modules situated in a row above. Each active collector unit (3) has connections (33, 34) which can be plugged together with connections (33, 34) of the active collector units (3) of adjacent solar collector modules of the rows above and below (II, III) to form tight connection lines to said adjacent collector units (3). In this way, the solar collector modules are arranged in the roof or facade surface in place of tiles, in such a way that they overlap in the manner of shingle.

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