

Title (en)
LIGHT ABSORBING UNIT INTEGRATED IN A ROOF CONSTRUCTION

Title (de)
IN EINE DACHKONSTRUKTION INTEGRIERTE LICHTABSORBIERENDE EINHEIT

Title (fr)
UNITÉ D'ABSORPTION DE LUMIÈRE INTÉGRÉE DANS UNE CONSTRUCTION DE TOIT

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Application
EP 13876432 A 20131219

Priority
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Abstract (en)
[origin: WO2014133431A1] The present invention relates to a light absorbing unit (I) for heating at least one liquid medium (L) by means of solar energy via a transparent surface layer (10) comprising a channel configuration (21, 22) inside said transparent surface layer (10) in which said liquid medium is arranged to stream for said heating, wherein light absorbing means (30) are present configured to mainly contain said channel configuration (21, 22), which light absorbing unit is intended to constitute an integrated part in a roof construction (100), wherein said transparent surface layer (10) comprises roofing tiles (10) transparently arranged to be supported by means of batten, wherein said batten (60) is arranged to constitute a part of said light absorbing unit (I) in said roof construction (100), wherein said batten (60) is arranged to be applied in said roof construction (100) with said light absorbing unit (I). Said batten (60) is arranged to run and be supported along a long side of said light absorbing unit (I), which long side is intended to run essentially horizontally in said roof construction (100).

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Citation (search report)
• [X] EP 2026017 A2 20090218 - SOLAR CENTURY HOLDINGS LTD [GB]
• [X] DE 2839362 A1 19800320 - NEUMANN & CO AG
• [X] FR 2366525 A1 19780428 - ANVAR [FR]
• See references of WO 2014133431A1

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