

Title (en)

METHOD OF CONNECTING ABSORPTION PLATE WITH TUBE REGISTER OF A THERMAL SOLAR COLLECTOR

Title (de)

VERFAHREN ZUR VERBINDUNG EINER ABSORPTIONSPLATTE MIT EINEM ROHRREGISTER EINES THERMISCHEN SOLARKOLLEKTORS

Title (fr)

PROCÉDÉ DE CONNEXION D'UNE PLAQUE D'ABSORPTION AVEC LE REGISTRE DE TUBES D'UN CAPTEUR SOLAIRE THERMIQUE

Publication

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Application

EP 06799878 A 20060906

Priority

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- SK 50342006 A 20060324

Abstract (en)

[origin: WO2007111575A1] The subject-matter of the method consists in that at least one specially shaped hollowing (2) is pre-formed into a metal absorption plate (1) of a thickness of 0.1 to 1.0 mm, into which hollowing a tube (3) is inserted forming a part of tube register (4) of a solar collector. Subsequently, the tube (3) is pressed in the absorption plate (1) so that it is firmly locked in the tube register (4). Before creation of the specially shaped hollowing (2), the metal absorption plate (1) may be provided with an absorption coating. The metal absorption plate (1) and tube register (4) may be made of aluminum, copper, steel or other metal material, or of a combination of the metals.

IPC 8 full level

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CPC (source: EP)

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