

Title (en)
APPARATUS FOR HEATING A BUILDING USING A HEAT PIPE

Title (de)
HEIZUNGSANLAGE FÜR EIN GEBÄUDE MIT WÄRMEROHR

Title (fr)
INSTALLATION DE CHAUFFAGE PAR CALODUC D'UN BATIMENT

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Application
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FR 9501358 W 19951013

Abstract (en)
[origin: WO9714002A1] An apparatus for heating a building (1) using a heat pipe is disclosed. A number of passive heat transfer modules (2) are provided in the building (14), and each one comprises an evaporator (3) arranged, e.g., outside the space to be heated, and a number of condensers (41-43) with radiative elements (71-73) arranged inside the space (1) and an adiabatic circuit (5) connecting the evaporator (3) to the above-mentioned condensers. The heat transfer fluid in each module (2) and the pressure reigning therein are selected so that, in use, the temperature in the condensers (41-43) is relatively low, e.g. 150 DEG C. Said heating apparatus may be used to provide heating in an explosive atmosphere.

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