

Title (en)

METHOD AND APPARATUS FOR CONTROLLING AN INTERNAL ENVIRONMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER INNEREN UMGEBUNG

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE REGULER UN ENVIRONNEMENT INTERNE

Publication

**EP 1680625 A1 20060719 (EN)**

Application

**EP 01949681 A 20010710**

Priority

- GB 0103133 W 20010710
- GB 0016757 A 20000710

Abstract (en)

[origin: WO0204873A1] Rectangularly related wall or window panels (10-13) of a building are hollow and water is constantly circulated through their interiors so that the heat of a panel (10-13) subjected to direct sunlight is dissipated at panels (10-13) in the shade. The panels (10-13) can additionally be connected via valve (28) with a heat exchanger (19) external to the building or the heat or coolness of the water in panels (10-13) can be stored at a heat store (21) or a cool store (22) for later use either in the panels (10-13) themselves or in an internal heat exchanger (20). Additionally the stores (21, 22) can be connected together at (30) for transfer of heat between them. In a modification the fluid being circulated is air and the arrangement is such that suction is applied to double glazing so as to maintain a near vacuum therein.

IPC 1-7

**F24F 5/00**; **F24J 2/04**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0204873A1

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