

Title (en)

DEVICE, PANEL AND METHOD FOR HEATING, COOLING, AIR CONDITIONING OR HUMIDITY CONTROL OF AN INDUSTRIAL OR COMMERCIAL LOCALITY

Publication

EP 0027626 A3 19811209 (FR)

Application

EP 80106234 A 19801014

Priority

FR 7925943 A 19791018

Abstract (en)

[origin: EP0027626A2] Device and panel intended for the heating, cooling, air conditioning or humidity control of the inside milieu of industrial or domestic premises, and adapted to be in particular associated with an outside wall of said premises, comprising an interior heat exchanger composed of a heat exchange surface (4), heat transfer ducts (6), and a plate (5); an outside heat exchanger composed of a heat exchange surface (7), heat transfer ducts (9), and a plate (8); a heat storage vessel (3) connected to a plate (12) by means of heat transfer ducts (11); said plates being connected by thermoelectric modules. Method of maintaining a space at a predetermined temperature, wherein the transfers of heat between said space, the outside environment and a heat storage vessel are made by means of a thermoelectric module. <IMAGE>

IPC 1-7

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Citation (search report)

- US 3780262 A 19731218 - RUDD R
- US 3500650 A 19700317 - MOLE CECIL J
- [A] US 4125122 A 19781114 - STACHURSKI JOHN Z O
- [A] FR 2245090 A1 19750418 - JUSTI EDUARD [DE]
- US 3100969 A 19630820 - ELFVING THORE M
- [E] EP 0021307 A1 19810107 - MORACCHIOLI R
- GB 934114 A 19630814 - SIEMENS AG
- FR 2407447 A1 19790525 - LUTARD FRANCOIS [FR]
- FR 2415273 A1 19790817 - LUTARD FRANCOIS [FR]
- [A] DE 1801088 A1 19700527 - SIEMENS AG
- [A] DE 1454636 A1 19690130 - SIEMENS ELEKTROGERAETE GMBH
- [A] DE 2654732 A1 19780608 - MICHEL ADOLF H
- [A] FR 2238120 A1 19750214 - KABEL METALLWERKE GHH [DE]
- [P] DE 2910156 A1 19800925 - SIMON HOLGER

Cited by

FR2514876A1; NL2003188C2; EP0322028A1; FR2624956A1; WO8906335A1; WO2022079556A1

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