Title (en)

POSITIONING DEVICE FOR ELEMENTS OF HEATING COMPONENTS, METHOD FOR THE OPERATION AND USE THEREOF

Title (de)

POSITIONIER-EINRICHTUNG FÜR ELEMENTE VON HEIZUNGSKOMPONENTEN, VERFAHREN ZUM BETREIBEN UND VERWENDUNG

Title (fr)

DISPOSITIF DE POSITIONNEMENT POUR ELEMENTS DE COMPOSANTS DE CHAUFFAGE, PROCEDE POUR LE FAIRE FONCTIONNER ET UTILISATION

Publication

EP 1561080 A1 20050810 (DE)

Application

EP 03775363 A 20031115

Priority

- DE 10254728 A 20021116
- EP 0312799 W 20031115

Abstract (en)

[origin: WO2004046632A1] The invention concerns a storage heat exchanger forming part of heating systems installed inside and/or against buildings and/or premises, the heat being generated and/or produced by regeneration sources, and/or combustion material sources, and/or sources arranged inside and/or against buildings and/or premises, and/or sources located at a distance and/or proximate. In at least one exchanger of the invention, the heat is stored in the heating system by means of at least one storage medium such as a fluid (4) and or phase-change (3) chemical medium. The heat is absorbed and/or diffused for at least a certain time interval through at least one barrier of heat storage media and/or at least a medium container (34) and/or a medium housing. Such a system is implemented so as to make more economical use of materials and mainly for heat storage, the storage of larger amounts of heat being more economical by decentralization and heat production by regeneration can be put to better use. The invention also concerns a method for operating an accumulating heat exchanger and its use.

IPC 1-7

F28D 20/00

IPC 8 full level

F28D 20/00 (2006.01); **F28D 20/02** (2006.01)

CPC (source: EP US)

F28D 20/00 (2013.01 - EP US); **F28D 20/0039** (2013.01 - EP US); **F28D 20/021** (2013.01 - EP US); Y02E 60/14 (2013.01 - EP US)

Citation (search report)

See references of WO 2004046631A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004046632 A1 20040603; EP 1561080 A1 20050810; EP 1561081 A1 20050810; US 2005233275 A1 20051020; US 2005247430 A1 20051110; WO 2004046631 A1 20040603

DOCDB simple family (application)

EP 0312800 W 20031115; EP 0312799 W 20031115; EP 03775363 A 20031115; EP 03779940 A 20031115; US 13035305 A 20050516; US 13035405 A 20050516