

Title (en)  
METHOD AND DEVICE FOR ACCUMULATING HEAT BY EVAPORATION-CONDENSATION

Title (de)  
VERFAHREN UND ANLAGE ZUR WÄRMESPEICHERUNG MIT WÄRMEROHR

Title (fr)  
PROCEDE ET DISPOSITIF D'ACCUMULATION DE CHALEUR A EFFET CALODUC

Publication  
**EP 1224427 A1 20020724 (FR)**

Application  
**EP 00966260 A 20001003**

Priority  

- FR 0002734 W 20001003
- FR 9913768 A 19991028
- FR 0008026 A 20000622

Abstract (en)  
[origin: WO0131265A1] The invention relates to a method for accumulating heat in a container (1), comprising the following steps: storing the heat in a first fluid (2a, 2b) at its vapour pressure, especially water, in a sealed container (1); transferring the heat by condensing (3) the vapour phase (2b) of said fluid on the external surface (4a) of an exchanger (4) which is situated in the vapour phase (2b) of the first fluid; and supplying heat to the container using a heat source (5), especially a heating resistor (5a) or a burner.

IPC 1-7  
**F24H 7/02**

IPC 8 full level  
**F24H 7/02** (2006.01)

CPC (source: EP)  
**F24H 7/0233** (2013.01); **F28D 15/02** (2013.01)

Citation (search report)  
See references of WO 0131265A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0131265 A1 20010503**; CA 2389023 A1 20010503; EP 1224427 A1 20020724; FR 2800447 A1 20010504; FR 2800447 B1 20011207

DOCDB simple family (application)  
**FR 0002734 W 20001003**; CA 2389023 A 20001003; EP 00966260 A 20001003; FR 0008026 A 20000622