

Title (en)

Heating system with a central solid storage

Title (de)

Heizungssystem aus einem Zentralnachtspeicher auf Feststoffbasis

Title (fr)

Système de chauffage avec accumulateur de chaleur solide

Publication

EP 0971180 A3 20020522 (DE)

Application

EP 99112894 A 19990703

Priority

DE 19830454 A 19980708

Abstract (en)

[origin: EP0971180A2] The system has a central night storage device (7) with heat output by air circulation or thermal radiation. A following air-water heat exchanger (2) is connected after the storage device. An absorbent surface (4) mounted on storage insulation (6) in the central night storage device has an integral absorber pipe system (3) fed via pipelines into the heat exchanger. A parallel air circulation system (24) is fed as a circuit through the central storage device and heat exchanger.

IPC 1-7

F24H 7/04; **F24D 11/00**

IPC 8 full level

F24H 7/04 (2006.01)

CPC (source: EP)

F24H 7/0433 (2013.01)

Citation (search report)

- [A] US 5038850 A 19910813 - CHOI YOUNG T [KR]
- [A] GB 1261649 A 19720126 - POTTERTON INTERNAT LTD [GB]
- [A] FR 2501838 A1 19820917 - BAUKNECHT GMBH G [DE]
- [A] DE 2114666 A1 19721005

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)

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