

Title (en)  
STORAGE HEATER

Publication  
**EP 0077993 B1 19861120 (DE)**

Application  
**EP 82109632 A 19821019**

Priority  
DE 3141863 A 19811022

Abstract (en)  
[origin: EP0077993A1] 1. Thermal storage heater with a storage core (2), which is surrounded by a thermally insulating layer (1) within a housing, with at least one heating element (6) in a recess (5), which is provided in the storage core (2) and displays an end opening (7), which faces towards the front wall (8) of the housing and displays merely a fraction of the height of the storage core (2), as well as with a closure (5) for the recess, characterised thereby, that the end opening (7) is provided in the lower region of the storage core (2), that the heating element (6) just as the recess (5) is elongate and in longitudinal direction is directed upwardly in an arc through about 90 from the end opening (7), that the heating element (6) displays a terminal end (9), which is matched to the end opening (7) in the storage core (2) and inserted into the end opening (7), that the thermally insulating layer (1) is openable for the passage of the heating element (6) in the region of the end opening (7) and that the wall (8) is removable.

IPC 1-7  
**F24H 7/00**; **F24H 9/18**

IPC 8 full level  
**F24H 7/00** (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)  
**F24H 7/002** (2013.01); **F24H 9/1863** (2013.01)

Citation (opposition)  
Opponent : Siemens Aktiengesellschaft  
• DE 6930216 U 19691218 - ROHDE AXEL G [DE], et al  
• DE 1773822 U 19580911 - MUCKENFUSS SOEHNE MALAG [DE]  
• DE 1535956 A1 19700806 - CHRIST LUD WAGNER STRICKWARENF

Cited by  
US5042081A

Designated contracting state (EPC)  
AT BE CH FR LI

DOCDB simple family (publication)  
**EP 0077993 A1 19830504**; **EP 0077993 B1 19861120**; AT E23739 T1 19861215; DE 3141863 A1 19830505

DOCDB simple family (application)  
**EP 82109632 A 19821019**; AT 82109632 T 19821019; DE 3141863 A 19811022