

Title (en)  
MODULAR CONSTRUCTIONS FOR STORAGE HEATERS

Publication  
**EP 0071593 B1 19860416 (FR)**

Application  
**EP 82870043 A 19820729**

Priority  
EP 81200862 A 19810731

Abstract (en)  
[origin: EP0071593A2] 1. Storage heater comprising a storage core (60) resting on a base (1) by means of a heat insulating means (42, 42'), heating elements (61) inserted in the storage core (60), a heat exchanger (13) connected by a deflecting cone (14) to a ventilation volute (15) of a motor fan (33-36) extracting the air through a distribution chimney (46), the ducts of the storage core (60) and a collecting chimney (47); the heat exchanger (13) the deflecting cone (14) the motor fan (33-36) and the ventilation volute (15) forming a closed unit (18); the base (1) provided with apertures for communication with the distribution chimney (46) and the collection chimney (47), characterised in that the closed unit (18) is provided with non-metallic sealing elements (23, 24, 64) preventing returns of air into the negative pressure zones in such a manner that this closed unit (18) thus made sealing-tight can be inserted without special precautions in the base (1), and in that the base (1), which is of robust construction, comprises a forebase (5) and an afterbase (9) of lighter construction which are rendered fast with the base (1) to form a casing (12) the bottom of which has over the extent of the base (1) a projection possibly constituted by an insulating element (3) in a protective container (4), on which the weight of the heater rests.

IPC 1-7  
**F24H 7/04**

IPC 8 full level  
**F24H 7/04** (2006.01)

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**F24H 7/0433** (2013.01)

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