

Title (en)  
MODULAR CONSTRUCTIONS FOR STORAGE HEATERS

Publication  
**EP 0071593 A3 19831005 (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)

CPC (source: EP)  
**F24H 7/0433** (2013.01)

Citation (search report)  
• [AD] AT 309607 B 19730827 - SMALL & CIE D  
• [A] EP 0029010 A1 19810520 - IND EQUIPEMENT [FR]  
• [AP] EP 0038305 A2 19811021 - BATTELLE MEMORIAL INSTITUTE [CH]

Designated contracting state (EPC)  
AT BE CH DE FR LI

DOCDB simple family (publication)  
**EP 0071593 A2 19830209; EP 0071593 A3 19831005; EP 0071593 B1 19860416; AT E19298 T1 19860515; DE 3270617 D1 19860522**

DOCDB simple family (application)  
**EP 82870043 A 19820729; AT 82870043 T 19820729; DE 3270617 T 19820729**