

Title (en)  
Ventilating and heating installation

Title (de)  
Lüftungs-Heizvorrichtung

Title (fr)  
Installation de ventilation et de chauffage

Publication  
**EP 0849542 B1 20020306 (DE)**

Application  
**EP 97121366 A 19971204**

Priority  
DE 19653186 A 19961219

Abstract (en)  
[origin: EP0849542A2] The heating device uses an electric storage heating device (13), through which the room air is circulated, in combination with a heat exchanger (27) for pre-heating fresh air from the outside by extracted room air. The heat exchanger is inserted in the path of the fresh air, which is fed from the heat exchanger onto the warm surfaces of the storage heating device outside the heat storage core (21), so that it reaches room temperature before being discharged into the room.

IPC 1-7  
**F24D 5/00**; **F24H 7/04**

IPC 8 full level  
**F24D 5/00** (2006.01); **F24H 7/04** (2006.01)

CPC (source: EP)  
**F24H 7/0416** (2013.01); **F24D 2200/22** (2013.01)

Citation (examination)  
FR 2529308 A1 19831230 - GODEFROY RAYMOND [FR]

Designated contracting state (EPC)  
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**EP 0849542 A2 19980624**; **EP 0849542 A3 19991103**; **EP 0849542 B1 20020306**; DE 19653186 A1 19980625; DE 59706550 D1 20020411; ES 2170326 T3 20020801

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