

Title (en)
Storage heater.

Title (de)
Wärmespeicherofen.

Title (fr)
Poêle à accumulation de chaleur.

Publication
EP 0006846 A1 19800123 (FR)

Application
EP 78200109 A 19780718

Priority
EP 78200109 A 19780718

Abstract (en)
1. Heat storage stove, comprising a heat storage core (1), a channel (6) passing through the core (1), a transverse-flow fan (7), the suction space (8) of which is provided at the outlet of this channel (6) and the ejection opening (18) of which is directed towards the room to be heated, an opening (4) for the intake of cold air into an enclosure (3) of the storage stove, which intake opening communicates with the inlet of the channel (6) passing through the core (1), and a branch passage (9) which has a cross-section of passage adjustable by means of a movable flap valve (19) and which is located on the outside of the core (1) between the inlet and the outlet of the channel (6) passing through the core (1), characterised in that the ejection opening (18) of the fan (7) communicates with its suction space (8) by means of a row of holes or a slit (17) of a size selected to keep the noise of the fan (7) at a low level, and in that there is located in the branch passage (9), downstream of the movable flap valve (19), an element (11) which retards the flow of cold air in this passage (9) and which is constituted by a grille.

Abstract (fr)
Poêle à accumulation comprenant, en dessous d'un noyau (1) un ventilateur (7) aspirant de l'air à travers un canal (6) dans le noyau (1) et à travers un passage (9) dans un espace d'aspiration (8). L'invention permet de réduire le bruit grâce à une fente (17) ou rangée de trous qui établit une communication entre l'espace d'aspiration (8) et une ouverture de sortie (18) du ventilateur (7). L'invention permet aussi d'égaliser la température dans l'air éjecté grâce à un élément de freinage d'écoulement d'air (11) placé dans le passage (9). Applicable aux poêles à accumulation domestiques.

IPC 1-7
F24H 7/04

IPC 8 full level
F24H 7/04 (2006.01)

CPC (source: EP)
F24H 7/0416 (2013.01)

Citation (search report)

- FR 2001097 A1 19690926 - ACEC [BE]
- BE 714537 A 19681104 - ACEC [BE]
- BE 748432 R 19701005 - ACEC [BE]
- FR 2027191 A1 19700925 - MALAG WERKE ADOLF MUCKEN
- FR 1482588 A 19670526 - ACEC [BE]

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