

Title (en)

Installation for hot air supply of rooms.

Title (de)

Anlage zur Speisung von Räumen mit Heissluft.

Title (fr)

Dispositif pour l'alimentation des locaux avec de l'air chaud.

Publication

**EP 0165371 A1 19851227 (DE)**

Application

**EP 84890117 A 19840620**

Priority

EP 84890117 A 19840620

Abstract (en)

1. A system for supplying rooms with hot air by means of a hot air reservoir in which a heating device is provided and which is connected with the rooms via air ducts, with valves or the like being arranged in the air ducts, characterized in that the vertical flue gas outlet (31) of the heating device (20), which exits from the uppermost region of the likewise vertical combustion chamber (22), has a diameter which is equal to at least half of the horizontal section of the combustion chamber (22), in that an approximately horizontally positioned after-burning chamber (35) is connected to the flue gas outlet (31) of the combustion chamber (22) and has an additional burner (38) inserted into it, and in that the valves (50, 51, 52, 53) are formed by groups of laminae (63), which are arranged at least approximately horizontally and in parallel with each other and which are provided on at least one side with movable flaps (65), a curtain (66), a cover (69) or the like.

Abstract (de)

Anlage zur Speisung von Räumen mit in einem Speicher, insbesondere in einem Heizraum, gespeicherter Heißluft mit Luftführungskanälen zum und vom Heißluftspeicher und mit in den Luftführungskanälen angeordneten Ventilen od.dgl. Dabei sind die Ventile (50, 51, 52, 53, 54) durch eine Gruppe von horizontal, schräg oder lotrecht und zueinander parallel liegenden lamellen (63, 73) gebildet, die an mindestens ihrer einen Seite mit mindestens einer verstellbaren oder beweglichen Klappe (65), einem Vorhang (66), einer Abdeckung (69) od.dgl. ausgebildet sind.

IPC 1-7

**F24D 11/00**; F24D 5/04; F24F 13/15

IPC 8 full level

**F24D 11/00** (2006.01); **F24H 3/06** (2006.01)

CPC (source: EP)

**F24D 11/006** (2013.01); **F24H 3/06** (2013.01)

Citation (search report)

- [A] DE 2233413 B2 19770428
- [A] DE 1875713 U 19630718 - ROBERT DETZER FA [DE]
- [A] DE 7437781 U
- [A] DE 3327094 A1 19840202 - FREY FRITZ, et al
- [A] AT 340097 B 19771125 - BRINK ERIC LEON [SE], et al

Cited by

DE3721454A1; GB2198227A; CN105805945A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0165371 A1 19851227**; **EP 0165371 B1 19871028**; AT E30464 T1 19871115; DE 3467031 D1 19871203

DOCDB simple family (application)

**EP 84890117 A 19840620**; AT 84890117 T 19840620; DE 3467031 T 19840620