

Title (en)

METHOD OF CONTROLLING A HEATING APPARATUS AND HEATING APPARATUS CONTROLLED BY THIS METHOD

Publication

EP 0038304 B1 19840711 (FR)

Application

EP 81810141 A 19810414

Priority

CH 288680 A 19800415

Abstract (en)

[origin: EP0038304A1] The apparatus comprises an accumulation block (2) heated by resistances (3). A fan (7) circulates air in a closed circuit through the block (2) and through an air-water heat exchanger (8). A regulator (14) measures the temperature of the water by means of a probe (15) and the air temperature by means of a probe (16) which is used for determining the water temperature. A synchronous servo motor (13) connected to the regulator (14) determines the position of an air distribution flap (11) as a function of the power required for heating the water by deviating a portion of the air stream through a deviation passage (10). When the flap (11) closes completely said passage, it simultaneously closes a switch (18) for supplying the heating resistances (3) of the block (2).

IPC 1-7

F24H 9/20; **F24H 7/04**

IPC 8 full level

F24H 7/04 (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)

F24H 7/0416 (2013.01 - EP); **F24H 7/0433** (2013.01 - EP); **F24H 9/2078** (2013.01 - EP US); **F24H 15/258** (2022.01 - EP US); **F24H 15/335** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US)

Cited by

EP0171028A3; GB2586625A; GB2586625B; WO2021037865A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0038304 A1 19811021; **EP 0038304 B1 19840711**; AT E8434 T1 19840715; CH 635667 A5 19830415; DE 3164677 D1 19840816; WO 8103060 A1 19811029

DOCDB simple family (application)

EP 81810141 A 19810414; AT 81810141 T 19810414; CH 288680 A 19800415; CH 8100043 W 19810414; DE 3164677 T 19810414