

Title (en)
ELECTRIC HEATING REGISTER FOR A BLOW HEATER

Publication
EP 0158699 B1 19881214 (DE)

Application
EP 84107534 A 19840629

Priority
DE 3409495 A 19840315

Abstract (en)
[origin: ES8601624A1] The resistance heater is arranged on a ring-formed insulated body which itself is attached to the housing of the air heater. The winding loops of the heater are formed to stand free of the insulated body, and are secured by the clamps. A bimetal switch, in series with the heating resistances, acts as a heat loss protection switch, and it is located on the column which is fixed to the insulating body and holds the terminals. The bimetal switch can be fastened to a recess on the column and then connected to the circuit. - The column has two projecting pieces with the terminals: one some distance from the insulated body and one close to it. The end leads of the winding are connected to these two terminals, one on one side of the column and the other on its other side. The purpose of this arrangement is to ensure accurate activation of the bimetal switch.
[origin: ES8601624A1] The resistance heater is arranged on a ring-formed insulated body which itself is attached to the housing of the air heater. The winding loops of the heater are formed to stand free of the insulated body, and are secured by the clamps. A bimetal switch, in series with the heating resistances, acts as a heat loss protection switch, and it is located on the column which is fixed to the insulating body and holds the terminals. The bimetal switch can be fastened to a recess on the column and then connected to the circuit. - The column has two projecting pieces with the terminals: one some distance from the insulated body and one close to it. The end leads of the winding are connected to these two terminals, one on one side of the column and the other on its other side. The purpose of this arrangement is to ensure accurate activation of the bimetal switch.

IPC 1-7
H05B 1/02; **F24H 3/04**

IPC 8 full level
F24H 3/04 (2006.01); **H05B 1/02** (2006.01); **H05B 3/16** (2006.01)

CPC (source: EP US)
H05B 1/0208 (2013.01 - EP US); **H05B 3/16** (2013.01 - EP US)

Citation (examination)
DE 2944132 A1 19810514 - EICHENAUER FA FRITZ [DE]

Designated contracting state (EPC)
AT BE FR GB IT NL SE

DOCDB simple family (publication)
EP 0158699 A1 19851023; **EP 0158699 B1 19881214**; AT E39318 T1 19881215; AU 3687384 A 19850919; DE 3409495 A1 19850926; ES 536845 A0 19851016; ES 8601624 A1 19851016; NZ 209772 A 19880830; US 4636615 A 19870113

DOCDB simple family (application)
EP 84107534 A 19840629; AT 84107534 T 19840629; AU 3687384 A 19841218; DE 3409495 A 19840315; ES 536845 A 19841018; NZ 20977284 A 19841004; US 66447684 A 19841024