

Title (en)

Control device, especially a burner automat, for a forced-draught burner

Title (de)

Steuereinrichtung, insbesondere Feuerungsautomat, für einen Gebläsebrenner

Title (fr)

Dispositif de commande, notamment un automate à brûleur, pour un brûleur à air soufflé

Publication

**EP 0890790 B1 20020327 (DE)**

Application

**EP 97111687 A 19970708**

Priority

EP 97111687 A 19970708

Abstract (en)

[origin: EP0890790A1] The control unit (1) is for a blowpipe (2) with an air blower (5), and has an rpm regulator (11) which controls the rpm of the motor (10) of the air blower. The control unit controls a starting operation and a continuous operation of the blowpipe and monitors this. One pressure switch (6) responds, if the air blower produces one pressure, and a second switch (7) responds if the air blower produces a second air pressure, which the control unit carries out with each or with certain starting operations. The rpm regulator orders the rpm of the motor to increase with a predetermined desired alteration rate. The time interval elapsed between the responses of the pressure switches is determined. An actual alteration rate is computed. The control unit is designed in normal operation to set the motor at a required rpm, and controls the regulator to alter the rpm with the predetermined desired alteration rate, during a time span computed corresponding to the actual alteration rate.

IPC 1-7

**F23N 3/08**

IPC 8 full level

**F23N 3/08** (2006.01); **F23N 5/20** (2006.01)

CPC (source: EP)

**F23N 3/082** (2013.01); **F23N 5/20** (2013.01); **F23N 2225/04** (2020.01); **F23N 2227/02** (2020.01); **F23N 2233/08** (2020.01); **F23N 2235/16** (2020.01)

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