

Title (en)

Electronic regulating device and electric motor applied to a burner ventilator

Title (de)

Elektronische Regeleinrichtung und elektrischer Motor eines Brennergebläses

Title (fr)

Dispositif de commande électronique et moteur électrique de ventilateur de brûleur

Publication

EP 1571394 B1 20161207 (EN)

Application

EP 04425137 A 20040302

Priority

EP 04425137 A 20040302

Abstract (en)

[origin: EP1571394A1] An electronic regulating device (1) for an electric motor (2) applied to a fuel burner ventilator. The regulating device has a programmable device (3) and a speed sensor (4) for controlling the speed of the electric motor (2), and a switching device (5) for controlling variations in the speed of the electric motor (2) as a function of a signal from the programmable device (3). The regulating device (1) also has a selector (6) having at least three positions and for selecting the operating mode of the programmable device (3) from at least three alternatives corresponding to a two-stage operating mode, a PWM (Pulse Width Modulation) operating mode, and a three-point modulation operating mode. <IMAGE>

IPC 8 full level

F23N 3/08 (2006.01)

CPC (source: EP)

F23N 3/082 (2013.01); **F23N 2233/08** (2020.01)

Cited by

EP1843095A3; US7802984B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1571394 A1 20050907; **EP 1571394 B1 20161207**; CN 1665122 A 20050907; ES 2611010 T3 20170504; PL 1571394 T3 20170630

DOCDB simple family (application)

EP 04425137 A 20040302; CN 200510053103 A 20050302; ES 04425137 T 20040302; PL 04425137 T 20040302