

Title (en)

Method for regulating the air/fuel ratio of a burner and burner using this method

Title (de)

Verfahren zur Regelung des Luft-Brennstoffverhältnisses eines Brenners und Brenner zur Durchführung dieses Verfahrens

Title (fr)

Procédé pour la régulation du rapport air/gaz d'un brûleur et brûleur mettant en oeuvre ce procédé

Publication

EP 1635117 A1 20060315 (FR)

Application

EP 05291886 A 20050913

Priority

FR 0452044 A 20040914

Abstract (en)

The method involves measuring a rotation speed of an electric motor (23) of a ventilator (22) corresponding to a differential reference pressure measured by a differential pressure sensor (10). A parameter representative of characteristics of a smoke evacuation conduit and values corresponding to respective upper and lower limits of the rotation speed of the motor is calculated and stored. An independent claim is also included for a boiler burner.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- FR 2775782 A1 19990910 - THEOBALD SA A [FR]
- EP 0644377 B1 19961023 - HONEYWELL BV [NL]
- US 4645450 A 19870224 - WEST JOHN S [US]
- JP S59212622 A 19841201 - MATSUSHITA ELECTRIC IND CO LTD

Citation (search report)

- [AD] FR 2775782 A1 19990910 - THEOBALD SA A [FR]
- [AD] EP 0644377 A1 19950322 - HONEYWELL BV [NL]
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 148 (M - 308) 11 July 1984 (1984-07-11)

Cited by

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