

Title (en)

Device for the automatic control of combustion air flow drawn into forced draught boilers by means of an electroventilator.

Title (de)

Einrichtung für die automatische Kontrolle des Verbrennungsluftdurchflusses mit Hilfe eines elektrischen Ventilators für Zwangsbelüftungsverbrenner.

Title (fr)

Appareil pour le contrôle automatique de l'écoulement d'air comburant aspiré pour chaudières à tirage forcé, au moyen d'un ventilateur électrique.

Publication

EP 0327516 A1 19890809 (EN)

Application

EP 89830040 A 19890206

Priority

IT 6038888 A 19880205

Abstract (en)

This invention relates to a device for the automatic control of the combustion air delivery drawn into modern boilers fitted with an air-tight or non air-tight combustion chamber, having forced draught with combustion air drawn either directly from outside or from the room in which the boiler is installed. The device according to the invention can automatically control the combustion air delivery by varying the revs of the electric fan as necessary according to the gas delivery supplied by the modulating distribution valves so as to maintain the air-to-fuel ratio of the mixture from the burner, constant and equal to the optimum value.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 70 (M-367)[1793], 30th March 1985; & JP-A-59 202 319 (MATSUSHITA DENKI SANGYO K.K.) 16-11-1984

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