

Title (en)

METHOD FOR REDUCING THE EFFECT OF DEREGULATING FACTORS FOR VENTILATOR BURNERS AND VENTILATOR BURNERS

Publication

EP 0342347 A3 19900404 (DE)

Application

EP 89106131 A 19890407

Priority

DE 3812697 A 19880416

Abstract (en)

[origin: EP0342347A2] In order considerably to improve the combustion during the operating time of smaller ventilator burners also, in particular one or two-stage ventilator burners, with reasonable outlay, as the main deregulating factors the pressure (pL) and temperature (theta L) of the combustion air are measured and from these, on a compensator (25), a simple compensation function is determined, with which, on a superposition unit (27), action is taken on the combustion air flow (L<*>) and/or on the fuel flow (B<*>). Precisely in said burners, the greater part by far of the influence of deregulating factors stems from said main deregulating factors. <IMAGE>

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CPC (source: EP US)

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Citation (search report)

- [X] US 4613072 A 19860923 - KIKUCHI KUNIO [JP], et al
- [X] US 4583936 A 19860422 - KRIEGER DAVID A [US]
- [A] GB 2190515 A 19871118 - TODD JULIAN BRANFORD
- [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 256 (M-421)(1979), 15. Oktober 1985; & JP,A,60 105 822 (KANEKO NOUKI K.K.) 11.06.1985.

Cited by

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