

Title (en)

Device for combustion control

Title (de)

Einrichtung zur Verbrennungssteuerung

Title (fr)

Dispositif pour le controle de la combustion

Publication

EP 1108956 A2 20010620 (EN)

Application

EP 00123642 A 20001030

Priority

IT MI992580 A 19991213

Abstract (en)

A device for combustion control, especially for gas-fed boiler burners, comprises at least an optical sensor (10) constituted of one or more photodetectors, oriented in the direction of one or more defined zones of flame (12) of a boiler (14), whose electric signals supplied at the outlet are acquired by a card for a data elaboration system (16) based on neural networks and fuzzy logic, said system interacting with the electronic card (18) for the control of said boiler (14). <IMAGE>

IPC 1-7

F23N 5/08; **F23N 1/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

US2011008737A1; CN110057820A; EP2446236A4; WO2010151386A1; US8456634B2

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EP 1108956 A2 20010620; **EP 1108956 A3 20031119**; IT 1314125 B1 20021204; IT MI992580 A0 19991213; IT MI992580 A1 20010613

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