

Title (en)  
Device for combustion control

Title (de)  
Einrichtung zur Verbrennungssteuerung

Title (fr)  
Dispositif pour le controle de la combustion

Publication  
**EP 1108956 A3 20031119 (EN)**

Application  
**EP 00123642 A 20001030**

Priority  
IT MI992580 A 19991213

Abstract (en)  
[origin: EP1108956A2] 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  
**F23N 1/00** (2006.01); **F23N 5/08** (2006.01); **F23N 5/10** (2006.01)

CPC (source: EP)  
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Citation (search report)

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