

Title (en)

Device for controlling the combustion air supply for a stove

Title (de)

Vorrichtung zur Regelung der Verbrennungsluftzufuhr bei einem Ofen

Title (fr)

Dispositif de réglage de l'alimentation d'air comburant pour un foyer

Publication

EP 0604388 B1 19980325 (DE)

Application

EP 93890245 A 19931216

Priority

AT 254492 A 19921222

Abstract (en)

[origin: EP0604388A1] A device for controlling the combustion air supply for a stove, in particular a tiled stove, has a sealing member (3) which is arranged in the doors (1) of the combustion chamber or in an air supply duct opening into the combustion chamber. The device is provided with a temperature sensor (9) arranged in the combustion gas path of the stove and with a lambda probe (6) which is likewise arranged in the combustion gas path of the stove. Both the temperature sensor (9) and the lambda probe (6) and also a safety device (11) which can be operated from the doors (1) of the combustion chamber are operationally connected to a control device (8) which is coupled to an adjusting device for the sealing member (3) in such a way that depending both on the temperature in the firing chamber and on the residual oxygen content in the combustion gas an optimum amount of combustion air is fed to the combustion chamber (Fig. 1). <IMAGE>

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Cited by

US7373937B2; EP1118816A3; EP2085694A3; EP2208938A3; US9803870B2; WO2004072553A1; WO9964789A1; US6595199B1; DE102008057697A1; US9945563B2

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