

Title (en)

Method for the regulation of combustion air and a corresponding regulation arrangement

Title (de)

Verfahren zur Regelung der Verbrennungsluft und entsprechende Regelungsanordnung

Title (fr)

Méthode de régulation de l'air de combustion et arrangement de régulation correspondant

Publication

EP 1008808 A3 20001220 (EN)

Application

EP 99660185 A 19991203

Priority

FI 982692 A 19981211

Abstract (en)

[origin: EP1008808A2] A method for the regulation of combustion air when wood is burned in a heat-storing fireplace in which all combustion air (1) is supplied from below a grate (2) into a firebox. When a wood charge (4) is being ignited, a substantial proportion of the combustion air (1) is supplied as auxiliary primary air (5) through the middle area of the grate (2) under the wood charge and some of the combustion air is supplied into the firebox as secondary air (6). After the wood charge has been kindled or when more wood (7) is added on top of glowing embers (8), the amount of auxiliary primary air is limited, some of the combustion air is directed as main primary air (9) under the wood charge mainly to the edge areas of the wood charge while most of the combustion air is supplied as secondary air (10) into the firebox. <IMAGE>

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F23L 1/02; **F23L 9/00**

IPC 8 full level

F23L 1/02 (2006.01); **F23L 9/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

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