

Title (en)

METHOD AND DEVICE FOR OPERATING A HIGH VELOCITY BLAST BURNER

Publication

EP 0057377 A3 19820922 (DE)

Application

EP 82100386 A 19820121

Priority

DE 3102833 A 19810129

Abstract (en)

[origin: EP0057377A2] The invention relates to a method for operating a high velocity burner in which fuel and air are substantially burnt out under excess pressure in a combustion chamber and the combustion products (flue gases) emerge into the space to be heated at high velocity from a nozzle-like aperture which is small in comparison with the end face of the combustion chamber. An improved turbulent and circulatory effect in the stove chamber connected to the burner is achieved when the ratio $P1/P2$ of the combustion chamber pressure $P1$ to the pressure in the space behind the combustion chamber $P2$ is greater than 1.2. A device for carrying out the method is also proposed. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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