

Title (en)
Control method of a burner

Title (de)
Regelverfahren eines Brenners

Title (fr)
Procédé de commande d'un bruleur

Publication
EP 1148298 B1 20041020 (FR)

Application
EP 01401000 A 20010419

Priority
FR 0005188 A 20000421

Abstract (en)
[origin: EP1148298A1] Spectrum of frequencies is established in form of a sliding window as a function of temperatures (t), this spectrum of frequencies being raised during this sliding window and submitted to a statistical study of frequency distribution (Ym), among a number of frequency bands of spectrum and finally acting on functioning of burner (B) as a function of this statistical frequency distribution. The method includes generating a radiation signal representative of the power of radiation emanating from the flame. The next step includes converting (12) the radiation signal in such a manner as to establish the spectrum of frequencies (Xk(f)), and establishing a correlation between a functioning parameter of the burner and a characteristic parameter of the spectrum of frequencies. The next step includes acting on the functioning of the burner as a function of the result of the correlation.

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F23N 5/08

IPC 8 full level
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CPC (source: EP)
F23N 5/082 (2013.01)

Cited by
US10042375B2; US10402358B2; US7806682B2; US10935237B2; US10969143B2; WO2005045320A3; US10678204B2; US11236930B2; US11719467B2; US8066508B2; US10088852B2; US10132510B2; US10989421B2; US10119726B2; US11656000B2; US7255285B2; US7728736B2; US11592852B2; US10208954B2; US10670302B2; US11719436B2; US9799201B2; US10049555B2; US10473329B2; US10692351B2; US7768410B2; US7800508B2; US10429068B2; US11268695B2; US11739982B2; US7764182B2; US9920930B2; US10288286B2; US10738998B2

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