

Title (en)

Combustion air feeder for high heat release burner of kilns

Title (de)

Verbrennungsluftzufuhr für Ofenbrenner mit hoher Wärmeabgabe

Title (fr)

Distributeur d'air de combustion pour brûleur de four à haute émission de chaleur

Publication

**EP 1016822 A1 20000705 (EN)**

Application

**EP 99125334 A 19991220**

Priority

IT MO980267 A 19981230

Abstract (en)

A combustion air feeder for high heat release burner of kilns, particularly for ceramic products, of the type which comprises a combustion chamber (4) in which a tubular stem (7) for feeding fuel in gas form enters, the chamber (4) being connected to a cold air pipe (5); the feeder (1) comprises a first adjustable throttling valve (9) which controls the cold air pipe (5) substantially at the inlet of the chamber (4) and a hot air duct (10) in which the outlet (11) is connected to the chamber (4) downstream of the first valve (9); the hot air duct (10) is provided with a second adjustable throttling valve (12) and the coordinated adjustment of the valves (9, 12) is adapted to determine the flow-rate and/or temperature of the combustion air. <IMAGE>

IPC 1-7

**F23C 7/00**; **F23L 3/00**; **F23L 13/04**; **F23C 9/00**; **F27D 23/00**; **F27D 19/00**

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- IT 1287521 A
- IT 9800267 A

Citation (search report)

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