

Title (en)
HOT AIR INTERNAL IGNITION BURNER/GENERATOR

Title (de)
HEISSLUFTBRENNER/-ERZEUGER MIT INTERNER ZÜNDUNG

Title (fr)
BRULEUR/GENERATEUR D'AIR CHAUD A ALLUMAGE INTERNE

Publication
EP 1941207 A1 20080709 (FR)

Application
EP 05815272 A 20051028

Priority
FR 2005002720 W 20051028

Abstract (en)
[origin: WO2007048886A1] The invention relates to a hot air internal ignition burner/generator comprising an injection device used for producing a high-speed fuel gas mixture stream and for injecting said stream into the burner head (2) which is tabular-shaped and comprises in-series arranged therein a pressure recovery chamber (10), an igniting chamber (11) and simple or multiple diffusion means (24) which are fixed inside the head (2), where two chambers are jointed, wherein said diffusion means (24) comprise a central orifice provided with an igniting tube which penetrates therein and axially extends inside the pressure recovery chamber (10) in such a way that it defines the ignition chamber (43) provided with igniting electrodes (42) connected to the pressure recovery chamber (10) of the burner (2) via a calibrated orifice (46).

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