

Title (en)
DEVICE FOR THE PULSATING SUPPLY OF A GASEOUS MEDIUM TO A KILN OR SUCHLIKE

Publication
EP 0134907 B1 19861029 (DE)

Application
EP 84106165 A 19840530

Priority
DE 3324050 A 19830704

Abstract (en)
[origin: EP0134907A1] 1. Device for the pulsating supply of a combustable gas or air to a combustion chamber or suchlike, particularly for heating a tunnel kiln in the ceramic industry with gas above the ignition temperature by means of a lance extending into the combustion chamber connected to the supply line for the medium to be supplied, which supply line comprises a magnet valve being pulsating controllable, characterized in that onto the lance (11) a mixing nozzle for the stream of the medium (31) coming from the lance and to be supplied into the combustion chamber (4) is mounted, which nozzle has a cross-section continuously tapered in the direction of the stream and which nozzle has several openings (26) by means of which gas (stream 32) may be drawn from the combustion chamber (4) and is supplied to same through the mixing nozzle as a focused stream (33).

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CPC (source: EP)
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Cited by
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