

Title (en)  
NOZZLE FOR HOT GUNTING

Publication  
**EP 0103515 B1 19870429 (FR)**

Application  
**EP 83401750 A 19830906**

Priority  
FR 8215461 A 19820913

Abstract (en)  
[origin: ES8405507A1] This gunting nozzle end piece for projecting a refractory powder through a flame, the nozzle being connected to a combustive gas, fuel gas and refractory powder feed, one of the gases being the gas carrying the powder in the end-piece, is characterized in that, generally cylindrical in shape, it comprises a plurality of individual tubes (9) disposed in at least one ring (9a,9b) of tubes coaxial with the end-piece (1), opening on the one side at the level of the nose (11) of the end-piece and connected on the other side to the refractory powder and carrier gas feed (20), the plurality of tubes (9) being disposed between two coaxial substantially cylindrical walls respectively internal (12) and external (13), the gaps (24) between the tubes and between the tubes and the cylindrical walls forming a passage space opening on the one side at the level of the nose (11) of the end-piece and further connected to the non carrier gas feed (18).

IPC 1-7  
**F27D 1/16**; **B05B 7/20**

IPC 8 full level  
**B05B 7/20** (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP US)  
**B05B 7/205** (2013.01 - EP US); **F27D 1/1652** (2013.01 - EP US); **F27D 2001/1663** (2013.01 - EP US)

Cited by  
DE3540889A1; EP0274286A1; EP0745428A1; AU682448B2; CN1066640C

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