

Title (en)

Burner torch for pulverising a coal-water suspension

Title (de)

Brennerlanze zum Zerstäuben einer Kohle-Wasser-Suspension

Title (fr)

Chalumeau pour pulvériser une suspension charbon-eau

Publication

EP 0565814 B1 19960327 (DE)

Application

EP 93100768 A 19930120

Priority

DE 4212360 A 19920413

Abstract (en)

[origin: EP0565814A2] A burner torch for pulverising a coal/water suspension with the aid of a gaseous pulverising medium consists of an inner pipe (1) which conducts the suspension, an outer pipe (2) and a nozzle body (10) which is connected to both pipes (1, 2). The outer pipe (2) surrounds the inner pipe (1), forming an annular gap (5) which conducts the pulverising medium and in which distance pieces (3) serving as twist bodies are arranged. The outer pipe (2) projects above the inner pipe (1) in the longitudinal extent of the burner torch and in this part receives the nozzle body (10), the outer diameter of which corresponds to the inner diameter of the outer pipe (2). The nozzle body (10) has a central angle of 35 to 45 DEG and ends in a central outlet opening (11). <IMAGE>

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F23D 1/00

IPC 8 full level

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CPC (source: EP US)

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