

Title (en)

APPARATUS FOR INJECTING PULVERENT MATERIAL INTO A FURNACE, ESPECIALLY A BLAST FURNACE, AND USES

Publication

EP 0201441 B1 19890125 (FR)

Application

EP 86440033 A 19860502

Priority

FR 8506849 A 19850506

Abstract (en)

[origin: ES8705044A1] The tuyere comprises a substantially cylindrical or slightly convergent frusto-conical downstream part, and a divergent frusto-conical upstream part the plasma torch is placed co-axially to the tuyere at the inlet to the upstream part thereof the solid materials injection nozzle issues at an angle into the upstream part of the tuyere and the angle of taper of the upstream part of the tuyere substantially corresponds to the angle of natural expansion of the plasma jet, so that said materials are carried with the plasma jet and that part of them are provided onto the inner wall of the tuyere.

IPC 1-7

C21B 5/00; C21B 7/16

IPC 8 full level

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