

Title (en)

TUYERE FOR TORCH GUNITING OF METALLURGICAL PLANT.

Title (de)

DÜSE ZUM HEISSREPARATURSPRITZEN EINER METALLURGISCHEN ANLAGE.

Title (fr)

TUYERE POUR LE GUNITAGE A LA FLAMME D'UNE INSTALLATION METALLURGIQUE.

Publication

EP 0409980 A4 19890222 (DE)

Application

EP 87900347 A 19861017

Priority

SU 8600098 W 19861017

Abstract (en)

[origin: WO8802786A1] A tuyere for torch guniting of a metallurgical plant lined with a refractory material comprises a cooled casing inside which pipelines (3, 4) for supplying oxygen and the gunite mass into the cavity of the plant. The tuyere further comprises at least one slot-shaped nozzle (5) intended for supplying the gunite mass to the lining area to be restored, connected to the pipeline (4) for supplying the gunite mass and located on the side wall of the tuyere, near its end-face, parallel to the axes of the pipelines (1, 2, 3, 4). The tuyere is also provided with nozzles (6) for supplying the oxygen to the lining area to be restored which are connected to the pipeline (3) for supplying the oxygen and are spaced evenly along the longer sides of each slot-shaped nozzle (5) for supplying the gunite mass.

IPC 1-7

C21C 5/44; **F27D 1/16**

IPC 8 full level

B05B 7/20 (2006.01); **C21C 5/44** (2006.01); **C21C 5/46** (2006.01); **F27D 1/16** (2006.01)

CPC (source: EP)

C21C 5/443 (2013.01); **F27D 1/1652** (2013.01); **F27D 2001/1657** (2013.01)

Citation (search report)

- [Y] FR 2457720 A1 19801226 - DO NII CHERNOJ METALLURGII [SU]
- [Y] FR 1420218 A 19651203 - MANNESMANN AG
- [A] DE 856712 C 19521124 - KUEHNLE AG
- See references of WO 8802786A1

Cited by

GB2237623B

Designated contracting state (EPC)

AT DE FR GB IT NL SE

DOCDB simple family (publication)

WO 8802786 A1 19880421; BR 8607223 A 19881206; EP 0409980 A1 19910130; EP 0409980 A4 19890222; JP H01501412 A 19890518

DOCDB simple family (application)

SU 8600098 W 19861017; BR 8607223 A 19861017; EP 87900347 A 19861017; JP 50033186 A 19861017