

Title (en)

TUYERE FOR TORCH GUNITING OF METALLURGICAL PLANT.

Title (de)

DÜSE ZUM HEISSREPERATURSPRITZEN BEI METALLURGISCHEN ANLAGEN.

Title (fr)

TUYERE POUR LE GUNITAGE AU CHALUMEAU D'INSTALLATIONS METALLURGIQUES.

Publication

**EP 0277232 A4 19881027 (DE)**

Application

**EP 86905482 A 19860704**

Priority

SU 8600069 W 19860704

Abstract (en)

[origin: EP0277232A1] A tuyere for torch guniting of a metallurgical plant comprises a water-cooled casing (1) inside which are mounted a pipeline (2) for feeding the gunite powder and a pipeline (3) for feeding oxygen into the cavity of the metallurgical plant with at least one guniting nozzle (4) mounted at the ends of said pipelines. The guniting nozzle (4) is provided with a channel (5) for feeding the gunite powder and a channel (6) for feeding the oxygen. The channel (6) for feeding the oxygen is located along the axis of the guniting nozzle (4), whereas the channel (5) for feeding the gunite powder encases the channel (6) for feeding the oxygen.

IPC 1-7

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

IPC 8 full level

**C21C 5/44** (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)

- [A] EP 0062986 A1 19821020 - KAWASAKI STEEL CO [JP]
- [A] FR 2457720 A1 19801226 - DO NII CHERNOJ METALLURGII [SU]
- See references of WO 8800245A1

Cited by

WO9012894A1

Designated contracting state (EPC)

AT DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0277232 A1 19880810**; **EP 0277232 A4 19881027**; **EP 0277232 B1 19910306**; AT E61415 T1 19910315; BR 8607179 A 19880913; DE 3677994 D1 19910411; HU 200490 B 19900628; HU T46745 A 19881128; IN 165417 B 19891014; JP H01500291 A 19890202; WO 8800245 A1 19880114

DOCDB simple family (application)

**EP 86905482 A 19860704**; AT 86905482 T 19860704; BR 8607179 A 19860704; DE 3677994 T 19860704; HU 441786 A 19860704; IN 847CA1986 A 19861121; JP 50474686 A 19860704; SU 8600069 W 19860704