

Title (en)

PROCESS AND DEVICE FOR CLEANING THE TAP HOLE OF A STEEL FURNACE PROVIDED WITH AN EXTENDED BOTTOM TAP HOLE

Publication

**EP 0248742 B1 19891123 (FR)**

Application

**EP 87420119 A 19870504**

Priority

FR 8607012 A 19860506

Abstract (en)

[origin: EP0248742A1] 1. A process for cleaning the bottom tap hole (4) of a steelmaking furnace (1) comprising a lateral tapping zone (3), permitting removal of the excrescences formed by tapping residues which adhere to the outside annular edge (7) of said tap hole, characterised by passing a cutting tool (9) just below said tap hole in such a way that the cutting edge (10) of said cutting tool is displaced in a plane parallel to the plane (18) tangent to the outside annular edge (7) of said tap hole and passes in front of said tap hole over the entire section thereof.

IPC 1-7

**C21C 5/52**; **F27B 3/19**; **F27D 3/15**

IPC 8 full level

**C21C 5/52** (2006.01); **F27B 3/19** (2006.01); **F27D 3/15** (2006.01)

CPC (source: EP)

**F27B 3/19** (2013.01); **F27D 3/15** (2013.01)

Designated contracting state (EPC)

AT DE ES GB IT NL SE

DOCDB simple family (publication)

**EP 0248742 A1 19871209**; **EP 0248742 B1 19891123**; AT E48186 T1 19891215; DE 3761031 D1 19891228; ES 2011817 B3 19900216; FR 2598437 A1 19871113; FR 2598437 B1 19890526

DOCDB simple family (application)

**EP 87420119 A 19870504**; AT 87420119 T 19870504; DE 3761031 T 19870504; ES 87420119 T 19870504; FR 8607012 A 19860506