

Title (en)

METALLURGICAL-FURNACE VESSEL, IN PARTICULAR OF AN ARC FURNACE

Publication

EP 0216187 B1 19900103 (DE)

Application

EP 86111912 A 19860828

Priority

- DE 3533755 A 19850921
- DE 3541873 A 19851127
- DE 3607906 A 19860310

Abstract (en)

[origin: US4696013A] A furnace vessel (301) of a metallurgical furnace, in particular an electric arc furnace, in which the tap hole (305) is arranged within a lower vessel (303) which is oval or circular in plan view, in the vicinity of the wall of the vessel, and the upper vessel (309), above the tap hole (305), includes a vessel portion (320) which is displaced or is displaceable relative to the lower vessel towards the center of the vessel and in which there is provided a maintenance opening (327) for the tap hole (305) (FIG. 11).

IPC 1-7

F27B 3/12; F27B 3/19; F27B 14/06; F27D 11/08

IPC 8 full level

F27B 3/06 (2006.01); **F27B 3/08** (2006.01); **F27B 3/12** (2006.01); **F27B 3/19** (2006.01); **F27B 14/06** (2006.01); **F27B 14/18** (2006.01); **F27D 11/08** (2006.01); **F27D 11/10** (2006.01)

CPC (source: EP US)

F27B 3/065 (2013.01 - EP US); **F27B 3/085** (2013.01 - EP US); **F27B 3/12** (2013.01 - EP US); **F27B 3/19** (2013.01 - EP US); **F27D 11/085** (2013.01 - EP US); **F27D 11/10** (2013.01 - EP US)

Cited by

FR2686150A1; DE4431293A1; US5719897A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

US 4696013 A 19870922; DE 3668054 D1 19900208; EP 0216187 A2 19870401; EP 0216187 A3 19880120; EP 0216187 B1 19900103; ES 2002519 A6 19880816; GR 862270 B 19870112

DOCDB simple family (application)

US 90549486 A 19860910; DE 3668054 T 19860828; EP 86111912 A 19860828; ES 8602380 A 19860918; GR 860102270 A 19860904