

Title (en)

FURNACES FOR THE PRODUCTION OF MAGNESIUM ALLOYS

Title (de)

ÖFEN ZUR PRODUKTION VON MAGNESIUMLEGIERUNGEN

Title (fr)

FOURS CONCUS POUR LA PRODUCTION D'ALLIAGES DE MAGNESIUM

Publication

EP 1432541 A1 20040630 (EN)

Application

EP 02735927 A 20020522

Priority

- IL 0200400 W 20020522
- IL 14366901 A 20010611

Abstract (en)

[origin: WO02100577A1] The invention provides an electric furnace for the production of magnesium alloys comprising a working chamber (1a) made in the form of a lined cylinder (6) with a horizontal symmetry axis and two adjacent heads (8), said heads having a shape selected from the group consisting of truncated cones, cylinders and hemispheres made of refractory material possessing ferromagnetic properties up to a temperature of about 800 DEG C.

IPC 1-7

B22D 41/01; C22B 9/00; C21C 5/52; F27D 23/00

IPC 8 full level

B22D 41/01 (2006.01); **C22B 9/00** (2006.01); **C22B 26/22** (2006.01); **F27B 7/20** (2006.01); **C21C 5/52** (2006.01); **F27D 27/00** (2010.01);
F27D 99/00 (2010.01)

CPC (source: EP)

B22D 41/01 (2013.01); **C22B 9/00** (2013.01); **C22B 26/22** (2013.01); **F27B 7/2083** (2013.01); **C21C 5/5241** (2013.01); **F27D 27/00** (2013.01);
F27D 2099/0008 (2013.01); **Y02P 10/20** (2015.11); **Y02P 10/25** (2015.11)

Citation (search report)

See references of WO 02100577A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02100577 A1 20021219; EP 1432541 A1 20040630; IL 143669 A0 20020421

DOCDB simple family (application)

IL 0200400 W 20020522; EP 02735927 A 20020522; IL 14366901 A 20010611