

Title (en)

Metal treatment ladle with a refractory base coating and process for making such refractory base coating.

Title (de)

Giess-Pfanne mit feuerfester Bodenbeschichtung zur Behandlung von Metall und Verfahren zur Herstellung einer derartigen feuerfesten Beschichtung.

Title (fr)

Poche pour l'élaboration d'un métal munie d'un revêtement réfractaire de fond et procédé de réalisation d'un tel revêtement réfractaire de fond.

Publication

**EP 0429323 B1 19940105 (FR)**

Application

**EP 90403059 A 19901029**

Priority

FR 8915128 A 19891117

Abstract (en)

[origin: EP0429323A1] The subject of the invention is a ladle for treating metal, comprising a metal casing (1) which is equipped, on its inner surface, with a refractory wall coating (3) and with a refractory base coating (4) carrying a taphole (5), characterised in that the surface of the refractory base coating (4) in contact with the metal under treatment is a concave surface having, at any point, a slope directed towards the taphole (5). A further subject of the invention is a process for producing such a refractory base coating.

IPC 1-7

**B22D 41/02**

IPC 8 full level

**B22D 41/02** (2006.01); **B22D 41/08** (2006.01)

CPC (source: EP US)

**B22D 41/02** (2013.01 - EP US); **B22D 41/08** (2013.01 - EP US)

Cited by

EP0887131A1; DE19802222C2; CN102350495A; EP0547940A1; FR2684905A1; EP1049551B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0429323 A1 19910529; EP 0429323 B1 19940105; EP 0429323 B2 19990714**; AT E99580 T1 19940115; AU 624276 B2 19920604; AU 6588490 A 19910530; CA 2030128 A1 19910518; CA 2030128 C 19961029; DE 69005798 D1 19940217; DE 69005798 T2 19940428; DE 69005798 T3 20000113; DK 0429323 T3 19940516; DK 0429323 T4 19991129; FI 905658 A0 19901115; FI 905658 A 19910518; FI 92982 B 19941031; FI 92982 C 19950210; FR 2654661 A1 19910524; FR 2654661 B1 19940610; JP H03169473 A 19910723; JP H0747204 B2 19950524; TR 27294 A 19941228; US 5948349 A 19990907; ZA 909214 B 19920624

DOCDB simple family (application)

**EP 90403059 A 19901029**; AT 90403059 T 19901029; AU 6588490 A 19901108; CA 2030128 A 19901116; DE 69005798 T 19901029; DK 90403059 T 19901029; FI 905658 A 19901115; FR 8915128 A 19891117; JP 31258890 A 19901116; TR 109990 A 19901204; US 96352492 A 19921020; ZA 909214 A 19901116