

Title (en)  
PROCESS FOR REPAIRING A CRACK RESISTANT VALVE PLATE AND REPAIRED VALVE PLATE

Title (de)  
VERFAHREN ZUM REPARIEREN EINER RISSBESTÄNDIGEN SCHIEBERPLATTE UND REPARIERTE SCHIEBERPLATTE

Title (fr)  
PROCEDE DE REPARATION D'UNE PLAQUE PORTE-SOUPAPE RESISTANT AUX FISSURES ET PLAQUE PORTE-SOUPAPE REPARÉE

Publication  
**EP 1372892 B1 20050525 (EN)**

Application  
**EP 02704500 A 20020304**

Priority

- EP 02704500 A 20020304
- BE 0200025 W 20020304
- EP 01870037 A 20010306

Abstract (en)  
[origin: WO02070173A1] The invention relates to a process for repairing refractory plate (1), having a pouring hole (3), circumscribed by a circle C of center (4), at least a portion of the edges (15, 16, 17, 18) of the plate (1) are angularly oriented so as to focus the clamping forces optimally in the throttling area and around the pouring hole.

IPC 1-7  
**B22D 41/30**; **B22D 41/28**

IPC 8 full level  
**B22D 41/28** (2006.01); **B22D 41/30** (2006.01)

CPC (source: EP KR)  
**B22D 41/28** (2013.01 - EP); **B22D 41/30** (2013.01 - EP KR)

Cited by  
EP2481500A1; AU2012213730B2; WO2012104028A1; TWI615218B

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 02070173 A1 20020912**; AT E296176 T1 20050615; AU 2002238307 B2 20060622; BR 0207478 A 20040601; CA 2438967 A1 20020912; CN 1525893 A 20040901; DE 60204294 D1 20050630; DE 60204294 T2 20060202; DK 1372892 T3 20050926; EP 1372892 A1 20040102; EP 1372892 B1 20050525; ES 2239218 T3 20050916; HU P0303409 A2 20040128; HU P0303409 A3 20040428; JP 2004521746 A 20040722; KR 20030080076 A 20031010; MX PA03008113 A 20031212; PL 363265 A1 20041115; PT 1372892 E 20051031; RU 2003125180 A 20050227; RU 2277455 C2 20060610; TW 526315 B 20030401; UA 75633 C2 20060515; ZA 200306068 B 20040806

DOCDB simple family (application)  
**BE 0200025 W 20020304**; AT 02704500 T 20020304; AU 2002238307 A 20020304; BR 0207478 A 20020304; CA 2438967 A 20020304; CN 02806089 A 20020304; DE 60204294 T 20020304; DK 02704500 T 20020304; EP 02704500 A 20020304; ES 02704500 T 20020304; HU P0303409 A 20020304; JP 2002569330 A 20020304; KR 20037011683 A 20030905; MX PA03008113 A 20020304; PL 36326502 A 20020304; PT 02704500 T 20020304; RU 2003125180 A 20020304; TW 91103809 A 20020301; UA 2003087484 A 20020304; ZA 200306068 A 20030806