

Title (en)

SEALABLE CASTING DEVICE FOR A METALLURGICAL CONTAINER.

Title (de)

ABDICHTUNGSFÄHIGE GIESSANORDNUNG FÜR EINEN METALLURGISCHEN BEHÄLTER.

Title (fr)

DISPOSITIF DE COULEE OBTURABLE POUR UN CONTENEUR SIDERURGIQUE OU METALLURGIQUE.

Publication

EP 0441927 B1 19941214

Application

EP 90912616 A 19900817

Priority

- BE 8900926 A 19890830
- BE 9000046 W 19900817

Abstract (en)

[origin: WO9103339A1] A sealing device (22) is mounted so as to slide against the underside of the fixed plate (21), to allow the liquid metal contained in the container to flow out, or to block the casting passage. A fixed reference plate (23) is mounted against the underside of the sealing device (22), the underside of the reference plate (23) is placed against the upper surface of the bearing plate (24), and the reference plate (23) comprises a casting opening (16) placed coaxially to the casting channel (17) of the external casting pipe (25). The whole device is held together by clamping means (28-33).

IPC 1-7

B22D 41/56; **B22D 41/24**

IPC 8 full level

B22D 41/08 (2006.01); **B22D 11/10** (2006.01); **B22D 41/22** (2006.01); **B22D 41/24** (2006.01); **B22D 41/34** (2006.01); **B22D 41/38** (2006.01); **B22D 41/56** (2006.01); **F27D 3/14** (2006.01)

CPC (source: EP KR US)

B22D 41/24 (2013.01 - EP US); **B22D 41/56** (2013.01 - EP KR US)

Cited by

EP0891829A1; EP2386368A1; FR2760667A1; US6213357B1; CN1072076C; US8127972B2; WO2004052575A1; WO9841344A1; EP0646053B1; EP1149649B2; EP1590114B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9103339 A1 19910321; AR 247499 A1 19950131; AT E115449 T1 19941215; AU 6186590 A 19910408; AU 638738 B2 19930708; BE 1004402 A6 19921117; BR 9006896 A 19920128; CA 2039140 A1 19910301; CA 2039140 C 20011106; CS 415990 A3 19920318; CZ 278014 B6 19930714; DE 69015149 D1 19950126; DE 69015149 T2 19950629; DK 0441927 T3 19950522; EP 0441927 A1 19910821; EP 0441927 B1 19941214; ES 2068395 T3 19950416; FI 912031 A0 19910426; FI 92914 B 19941014; FI 92914 C 19950125; JP 2793039 B2 19980903; JP H04501535 A 19920319; KR 100191890 B1 19990615; KR 920700817 A 19920810; RU 2016699 C1 19940730; TR 26464 A 19950315; US 5170915 A 19921215; ZA 906884 B 19910626

DOCDB simple family (application)

BE 9000046 W 19900817; AR 31768490 A 19900827; AT 90912616 T 19900817; AU 6186590 A 19900817; BE 8900926 A 19890830; BR 9006896 A 19900817; CA 2039140 A 19900817; CS 415990 A 19900827; DE 69015149 T 19900817; DK 90912616 T 19900817; EP 90912616 A 19900817; ES 90912616 T 19900817; FI 912031 A 19910426; JP 51168690 A 19900817; KR 910700430 A 19910429; SU 4895635 A 19910429; TR 77790 A 19900828; US 65929391 A 19910614; ZA 906884 A 19900829