

Title (en)
REFRACTORY ASSEMBLY

Title (de)
FEUERFESTE ANORDNUNG

Title (fr)
ENSEMble REFRactaire

Publication
EP 1148961 B1 20020904 (EN)

Application
EP 99962002 A 19991223

Priority

- BE 9900170 W 19991223
- FR 9900061 A 19990106

Abstract (en)
[origin: WO0040358A1] The invention concerns a refractory assembly for a device for regulating a pouring flow rate. Downstream from a pouring channel (7), it is comprised of at least two refractory plates (1, 2) perpendicular to one axis of the channel (Z-Z) and equipped with the respective orifices (10, 20). The device includes, upstream from the plates, means for injecting a fluid (F) capable of cooperating mechanically with the pouring (C). According to the invention, this injection is effected upstream from the plates and in an angular sector of the channel (7) less than 360 DEG , in the direction of displacement (X-X) of the sliding plate (1) toward its stop position.

IPC 1-7
B22D 41/42

IPC 8 full level
B22D 11/10 (2006.01); **B22D 41/42** (2006.01)

CPC (source: EP KR)
B22D 41/42 (2013.01 - EP); **B22D 41/50** (2013.01 - KR)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0040358 A1 20000713; AR 022200 A1 20020904; AT E223272 T1 20020915; AU 1851100 A 20000724; AU 755773 B2 20021219;
BR 9916777 A 20020423; CA 2356350 A1 20000713; CN 1126622 C 20031105; CN 1332660 A 20020123; DE 69902824 D1 20021010;
DE 69902824 T2 20030522; EP 1148961 A1 20011031; EP 1148961 B1 20020904; JP 2002534267 A 20021015; KR 20010089763 A 20011008;
TW 495401 B 20020721

DOCDB simple family (application)
BE 9900170 W 19991223; AR P000100024 A 20000105; AT 99962002 T 19991223; AU 1851100 A 19991223; BR 9916777 A 19991223;
CA 2356350 A 19991223; CN 99815430 A 19991223; DE 69902824 T 19991223; EP 99962002 A 19991223; JP 2000592096 A 19991223;
KR 20017008495 A 20010703; TW 89100017 A 20000103