

Title (en)
VARIABLE GATE

Publication
EP 0078760 B1 19860102 (FR)

Application
EP 82630073 A 19820722

Priority
LU 83734 A 19811104

Abstract (en)
[origin: EP0078760A1] 1. Taphole device for the casting of fused metallic or non-metallic materials comprising two cylinders (A, B) having parallel axes and one common contact line and being rotatable around their axes in opposite directions relative to each other, each of the cylinders (A, B) having one groove (10) with a varying cross section extending each along a part of the circumference of each cylinder and the cylinders being positioned in a face-to-face alignment, so that the two grooves (10) cooperate to form a symmetrical opening with respect to the line of contact of said cylinders, characterized in that it includes means for sealing the cylinders with respect to one another as well as attachment means (1 and 2) and sealing means with respect to the vessel containing the molten material.

IPC 1-7
B22D 41/08; **B22D 37/00**; **F16K 5/12**

IPC 8 full level
B05B 1/32 (2006.01); **B22D 11/01** (2006.01); **B22D 37/00** (2006.01); **B22D 41/08** (2006.01); **B22D 41/14** (2006.01); **C03B 37/083** (2006.01); **F16K 5/12** (2006.01)

CPC (source: EP)
B22D 37/00 (2013.01); **B22D 41/08** (2013.01); **B22D 41/14** (2013.01)

Cited by
GB2295638A; GB2194023A; GB2214271A; EP0120802A1; US4869406A; DE3809071A1; US4932570A; CN114029480A; IT201900018725A1; CN114502352A; WO2021074771A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0078760 A1 19830511; **EP 0078760 B1 19860102**; AT E17199 T1 19860115; CA 1186480 A 19850507; DE 3268274 D1 19860213; DK 487882 A 19830505; FI 822763 A0 19820809; FI 822763 L 19830505; JP H0356790 B2 19910829; JP S5888054 A 19830526; LU 83734 A1 19830901; NO 159350 B 19880912; NO 159350 C 19881221; NO 823649 L 19830505

DOCDB simple family (application)
EP 82630073 A 19820722; AT 82630073 T 19820722; CA 408509 A 19820730; DE 3268274 T 19820722; DK 487882 A 19821103; FI 822763 A 19820809; JP 19390482 A 19821104; LU 83734 A 19811104; NO 823649 A 19821103