

Title (en)

CASTING SYSTEM FOR THIXOFORMS

Title (de)

EINGUSSSYSTEM FÜR DAS THIXOFORMEN

Title (fr)

SYSTEME DE COULEE POUR FORMES THIXOTROPES

Publication

EP 1100640 B1 20021009 (DE)

Application

EP 99934657 A 19990710

Priority

- EP 99934657 A 19990710
- EP 9904862 W 19990710
- EP 98810732 A 19980730

Abstract (en)

[origin: EP0976475A1] Each material entry channel (20, 21, ...) has a circular or elliptic cross section with a substantially constant area over its entire length. Directly adjacent to the material entry cavity (19) there is a bend (25, 26, ...). Between the bend (25, 26, ...) and the respective inlet opening (35, ...) there is a straight tubular section. The center line of the bend has a constant radius and a tangent at one end parallel to the longitudinal axis (1) of the cylindrical cavity (12) of the casting chamber. Its tangent at the other end coincides with the center line of the respective straight tubular section.

IPC 1-7

B22D 17/22

IPC 8 full level

B22D 17/00 (2006.01); **B22D 17/22** (2006.01)

CPC (source: EP US)

B22D 17/007 (2013.01 - EP US); **B22D 17/2272** (2013.01 - EP US); **Y10S 164/90** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

EP 0976475 A1 20000202; AT E225689 T1 20021015; AU 5035699 A 20000221; BR 9912554 A 20010502; CA 2338502 A1 20000210; DE 59903037 D1 20021114; EP 1100640 A1 20010523; EP 1100640 B1 20021009; ES 2181457 T3 20030216; PT 1100640 E 20030228; US 6382302 B1 20020507; WO 0006323 A1 20000210

DOCDB simple family (application)

EP 98810732 A 19980730; AT 99934657 T 19990710; AU 5035699 A 19990710; BR 9912554 A 19990710; CA 2338502 A 19990710; DE 59903037 T 19990710; EP 9904862 W 19990710; EP 99934657 A 19990710; ES 99934657 T 19990710; PT 99934657 T 19990710; US 72070300 A 20001229