

Title (en)

Device for controlling an inflow of metal by means of a stopper

Title (de)

Vorrichtung zum Regeln eines Metall-zuflusses mittels einem Stopfen

Title (fr)

Dispositif pour régler une alimentation de métal avec un tampon

Publication

EP 0734801 B1 19990728 (DE)

Application

EP 96104202 A 19960316

Priority

CH 87095 A 19950328

Abstract (en)

[origin: EP0734801A1] The appts. incorporates a plug operating mechanism (10,12) which together with its computer-controlled electromechanical drive (13) is housed in a box module (15). This module is exchangeably fixed to the casting ladle by means of clamping elements (16). The drive motor is connected to a control unit via plug contacts (37), so that the plug motion during casting is exclusively controlled by electrical signals from this unit to the drive motor.

IPC 1-7

B22D 41/20; **B22D 11/18**

IPC 8 full level

B22D 11/16 (2006.01); **B22D 11/18** (2006.01); **B22D 41/20** (2006.01)

CPC (source: EP US)

B22D 11/161 (2013.01 - EP US); **B22D 11/18** (2013.01 - EP US); **B22D 41/20** (2013.01 - EP US)

Cited by

AT17334U1; EP2574414A1; AT518476A1; AT518476B1; DE19843033B4; EP3782748A1; CN114258330A; WO2006125662A1; WO2013045520A1; US11919069B2; WO2021032354A1

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EP 0734801 A1 19961002; **EP 0734801 B1 19990728**; **EP 0734801 B2 20030205**; CA 2172335 A1 19960929; CA 2172335 C 20010612; CH 689728 A5 19990930; DE 59602511 D1 19990902; ES 2137580 T3 19991216; ES 2137580 T5 20030801; US 5674426 A 19971007

DOCDB simple family (application)

EP 96104202 A 19960316; CA 2172335 A 19960321; CH 87095 A 19950328; DE 59602511 T 19960316; ES 96104202 T 19960316; US 61896496 A 19960320