

Title (en)

A device for metal casting and a method of operating such device.

Title (de)

Vorrichtung zum Metallgiessen und Verfahren zum Betrieb derselben.

Title (fr)

Dispositif pour la coulée d'un métal et procédé d'utilisation.

Publication

EP 0455619 A1 19911106 (FR)

Application

EP 91870068 A 19910424

Priority

BE 9000474 A 19900504

Abstract (en)

The device comprises a vertical conduit (2, 3) arranged between the exit (1) of the casting vessel and the entry of the mould, and a distribution member (tundish) (4) arranged substantially at the entry of the vertical conduit (2, 3). It comprises means (11, 17, 18) for vertically moving the distribution member (tundish) (4) between a high position in which this distribution member (tundish) (4) closes the exit of the casting vessel and a low position in which this distribution member (tundish) (4) opens a maximum passage section for the metal. The distribution member (tundish) may be rigidly fixed to the vertical conduit (2); provision is then made for means for vertically moving, between the said high position and the said low position, an assembly comprising the vertical conduit (2, 3), any lower extension (5) of the latter, and the distribution member (tundish) (4). The abovementioned means of movement are, for example, rams (17, 18) interacting with resilient supports (11). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

B22D 11/112 (2013.01); **B22D 41/14** (2013.01); **B22D 41/60** (2013.01)

Citation (search report)

- [A] EP 0269180 B1 19920102
- [A] EP 0327526 A1 19890809 - CENTRE RECH METALLURGIQUE [BE]
- [A] BE 1001438 A6 19891031 - CENTRE RECH METALLURGIQUE
- [A] LU 60147 A1 19700309
- [A] EP 0026371 A1 19810408 - BANHIDY KALMAN DIPL ING

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