

Title (en)

Casting apparatus where molten material is fed from a melting area to a holding area, particularly using a low-pressure apparatus

Title (de)

Giessvorrichtung zur Leitung von Schmelze aus einer Schmelzzone zu einer Warmhaltezone, insbesondere in Niederdruckanlagen

Title (fr)

Dispositif de coulée où le métal à l'état fondu est distribué d'une zone de fusion à une zone de maintien en particulier un dispositif à basse pression

Publication

EP 1570930 A1 20050907 (EN)

Application

EP 04004683 A 20040301

Priority

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Abstract (en)

An apparatus for feeding molten material from the melting area to the holding area in casting apparatuses, particularly apparatuses using a low-pressure process, comprising at least one heated channel (12) for feeding molten material from a melting furnace (11) to a pressurizable holding furnace (15). The pressurizable holding furnace is associable by way of casting means with a die; the apparatus further comprises a valve (17) for closing the feed between the channel and the holding furnace (15). <IMAGE>

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B22D 18/04; **B22D 41/00**

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CPC (source: EP)

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Citation (search report)

- [X] EP 0846509 A1 19980610 - GEN MOTORS CORP [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 472 (M - 1667) 2 September 1994 (1994-09-02)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 02 31 March 1995 (1995-03-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 013, no. 500 (M - 891) 10 November 1989 (1989-11-10)

Cited by

CN110488599A; DE102006040256A1; DE102018001777A1

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