

Title (en)

Method and device for near net shape casting.

Title (de)

Verfahren und Vorrichtung zum endabmessungsnahen Vergiessen von Schmelzen.

Title (fr)

Procédé et dispositif pour la coulée d'un produit proche de ses dimensions finales.

Publication

EP 0674958 A3 19970326 (DE)

Application

EP 95103812 A 19950316

Priority

DE 4410511 A 19940328

Abstract (en)

[origin: EP0674958A2] The method involves casting of melts, in particular, metal melts from a vessel (1) provided with a channel (2) with inlet and outlet openings (4, 3). The channel (2) is subjected to high-frequency oscillations with a frequency of at least 5 kHz, in particular, to ultrasonic oscillations in the region of 20 kHz and above. The appts. has one or more oscillation generators (7) attached to the channel (2). <IMAGE>

IPC 1-7

B22D 11/04; **B22D 11/14**

IPC 8 full level

B22D 11/04 (2006.01); **B22D 11/053** (2006.01); **B22D 11/055** (2006.01); **B22D 11/059** (2006.01); **B22D 11/06** (2006.01); **B22D 11/14** (2006.01); **B22D 27/08** (2006.01)

CPC (source: EP US)

B22D 11/053 (2013.01 - EP US); **B22D 11/064** (2013.01 - EP US); **B22D 11/145** (2013.01 - EP US)

Citation (search report)

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- [YD] PATENT ABSTRACTS OF JAPAN vol. 12, no. 454 (M - 769) 29 November 1988 (1988-11-29)
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 26 (M - 273)<1463> 3 February 1984 (1984-02-03)

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