

Title (en)  
Casting apparatus and method

Title (de)  
Giessvorrichtung und Giessverfahren

Title (fr)  
Dispositif et procédé de coulée

Publication  
**EP 1695777 A1 20060830 (DE)**

Application  
**EP 06002023 A 20060201**

Priority  
DE 102005007517 A 20050217

Abstract (en)  
The method involves casting a molten mass (10) in a mold (1) at a casting station in a gravitation casting procedure. A sprue opening of the mold is closed and the molten mass inside the mold is subjected to pressure by utilizing a compressed gas. The mold is then moved away from the casting station while maintaining the application of pressure. The pressure is also maintained during a cooling phase of the molten mass. An independent claim is also included for a casting arrangement with a casting station.

IPC 8 full level  
**B22D 27/13** (2006.01); **B22D 23/00** (2006.01); **B22D 23/02** (2006.01); **B22D 27/09** (2006.01)

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**B22D 23/006** (2013.01); **B22D 23/02** (2013.01); **B22D 27/09** (2013.01); **B22D 27/13** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 260 (M - 720) 21 July 1988 (1988-07-21)
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