

Title (en)  
CASTING METHOD

Title (de)  
GIESSVERFAHREN

Title (fr)  
PROCEDE DE COULAGE

Publication  
**EP 1944105 A1 20080716 (EN)**

Application  
**EP 06796431 A 20060815**

Priority  
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Abstract (en)  
[OBJECT] To provide a method for casting with a gas permeable mold by gravity pouring, wherein melt is injected into only an intended cavity portion of a casting mold cavity and solidified. [MEANS FOR ATTAINING THE OBJECT] After pouring the melt having the volume substantially equal to that of the intended cavity portion to be filled with the melt, compressed gas is supplied from a sprue to inject the melt into the intended cavity portion and solidify the melt. The cavity may be decompressed before or after pouring according to need.

IPC 8 full level  
**B22D 18/04** (2006.01)

CPC (source: EP US)  
**B22C 9/02** (2013.01 - EP US); **B22C 9/082** (2013.01 - EP); **B22D 18/04** (2013.01 - EP US); **B22D 27/13** (2013.01 - EP US); **B22D 27/15** (2013.01 - EP)

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Cited by  
EP3012045A4; EP3053673A4; EP3112049A4; US9950363B2; US11173544B2

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