

Title (en)  
Method for pulsed pressure molding

Title (de)  
Verfahren für Impulsdruckformen

Title (fr)  
Procédé pour moulage de pression pulsée

Publication  
**EP 1810765 B1 20150909 (EN)**

Application  
**EP 07001379 A 20070123**

Priority  
US 76206906 P 20060124

Abstract (en)  
[origin: EP1810765A2] Method and apparatus for creating a molded product by first liquefying a metal in a crucible disposed in a crucible chamber and then applying a differential pressure level to the liquefied metal so as to force the liquefied metal into a mold. Once the liquefied metal is drawn into the mold, the pressure of the liquefied metal in the mold is raised to a solidification pressure in oscillating pressure steps. Once the pressure is raised to the solidification pressure, the liquefied metal is allowed to solidify.

IPC 8 full level  
**B22D 17/00** (2006.01)

CPC (source: EP US)  
**B22D 18/04** (2013.01 - EP US); **B22D 18/06** (2013.01 - EP US); **B22D 27/11** (2013.01 - EP US)

Citation (examination)  
EP 0361837 A2 19900404 - UBE INDUSTRIES [JP]

Cited by  
CN109513900A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1810765 A2 20070725; EP 1810765 A3 20080521; EP 1810765 B1 20150909**; US 2016067774 A1 20160310

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