

Title (en)  
LINED CENTRIFUGAL MOLD WITH CONTROLLED THERMAL INERTIA

Title (de)  
AUSGEKLEIDETE ZENTRIFUGALE FORM MIT KONTROLLIERTER THERMISCHER TRÄGHEIT

Title (fr)  
MOULE CENTRIFUGE CHEMISÉ À INERTIE THERMIQUE CONTRÔLÉE

Publication  
**EP 3119544 A1 20170125 (FR)**

Application  
**EP 15706869 A 20150128**

Priority  
• FR 1450800 A 20140131  
• FR 2015050193 W 20150128

Abstract (en)  
[origin: WO2015114250A1] The invention relates to an assembly including a mold (4), suitable for casting a molten metal alloy therein, and to said metal alloy cast therein. The alloy is TiAl. The mold is rotatable and includes receiving recesses (135) made of steel, metal alloy, and/or ceramic. The mold has a surface heat capacity less than that of the cast metal alloy at a plurality of section planes that each pass through the mold and the cast metal alloy.

IPC 8 full level  
**B22D 13/10** (2006.01); **B22D 27/20** (2006.01)

CPC (source: EP US)  
**B22D 13/101** (2013.01 - EP US); **B22D 13/102** (2013.01 - EP US); **B22D 27/20** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015114250A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015114250 A1 20150806**; EP 3119544 A1 20170125; EP 3119544 B1 20231011; FR 3017062 A1 20150807; FR 3017062 B1 20230317; US 2016339512 A1 20161124; US 9764382 B2 20170919

DOCDB simple family (application)  
**FR 2015050193 W 20150128**; EP 15706869 A 20150128; FR 1450800 A 20140131; US 201515115218 A 20150128