

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

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Application

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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

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