

Title (en)

Casting Method for super-Alloy and stainless Steel

Title (de)

Giessverfahren für Superlegierung und Edelstahl

Title (fr)

Procédé de moulage de superalliage et d'acier inoxydable

Publication

EP 2241392 A1 20101020 (EN)

Application

EP 10158907 A 20100401

Priority

US 42478909 A 20090416

Abstract (en)

Embodiments of the present invention include a method for producing a component that includes melting a super-alloy or stainless steel alloy (10) and transferring the melted alloy to a mold (11). The mold is mechanically vibrated while the melted alloy solidifies (12). The component then is removed from the mold (13).

IPC 8 full level

B22D 27/08 (2006.01)

CPC (source: EP US)

B22D 27/08 (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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- [XY] LEGER M-T ET AL: "AFFINEMENT DU GRAIN DE SOLIDIFICATION PAR VIBRATION MECANIQUE APPLICATION A L'ACIER INOXYDABLE AUSTENITIQUE", FONDERIE, FONDEUR D'AUJOURD'HUI, EDITIONS TECHNIQUES DES INDUSTRIES DE LA FONDERIE, SEVRES, FR, no. 162, 1 February 1997 (1997-02-01), pages 20 - 24,37, XP000690895, ISSN: 0249-3136

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

EP 2241392 A1 20101020; US 2010263821 A1 20101021

DOCDB simple family (application)

EP 10158907 A 20100401; US 42478909 A 20090416