

Title (en)

Process for manufacturing light alloy casting pieces, with cooling before forging

Title (de)

Verfahren zur Herstellung von Gussteilen aus Leichtmetall-Legierungen mit Kühlung vor dem Pressen

Title (fr)

Procédé de fabrication de pièces en alliages légers, avec un refroidissement avant pressage

Publication

EP 1213367 B1 20080528 (FR)

Application

EP 01402944 A 20011116

Priority

FR 0014856 A 20001117

Abstract (en)

[origin: FR2816858A1] A method for the fabrication of cast metal alloy components, comprises filling a mould with molten alloy, demoulding after solidification and subjecting the component to pressing between two die imprints, incorporates an intermediate stage, after demoulding and prior to pressing, consisting of a rapid cooling to obtain a homogeneous structure. The pressing is then carried out at ambient temperature. After pressing the component may be maintained at ambient temperature or subjected to a tempering treatment. The imprints of the die have dimensions slightly less than those of the mould.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2332671A1; EP1550522A1; FR2864459A1; GB2386576A; GB2386576B; EP2286941A1; WO2009006939A1

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