

Title (en)

Vacuum die-casting method for producing castings of non-ferrous alloys

Title (de)

Vakuum-Druckgussverfahren zur Herstellung von Nichteisenmetall-Gussteilen

Title (fr)

Procédé de coulée sous pression sous vide pour la fabrication de pièces coulées d'alliages non-ferreux

Publication

EP 1166922 A1 20020102 (EN)

Application

EP 01112949 A 20010606

Priority

IT PD20000166 A 20000620

Abstract (en)

A vacuum die-casting method for producing castings of nonferrous alloys, comprising the steps of: keeping a material of nonferrous alloy in a molten state in a holding furnace (11); transferring a preset amount of material from the furnace (11) to a die (18), at injectors; compressing the material in the die and allowing it to cool. The material, during the various steps, is continuously protected from contact with air, in regions not occupied by containment elements, by an atmosphere of gas which protects from contaminations and from the danger of oxidation, the gas having a higher relative density than air. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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