

Title (en)

Method of making pieces of casting alloys with reinforced parts

Title (de)

Verfahren zum Herstellen von Stücken aus Gusslegierungen mit verstärkten Teilen

Title (fr)

Procédé de fabrication de pièces en alliages coulés avec zones de renforcement

Publication

EP 0586314 B1 19970502 (FR)

Application

EP 93420350 A 19930826

Priority

FR 9210655 A 19920831

Abstract (en)

[origin: EP0586314A1] The method is noteworthy in that, after producing the blank of the component to be obtained, it employs one or more inserts capable of being centred and introduced into the opening or openings (1.1), and/or the recess or recesses, and/or the blind hole or holes (1.2) formed beforehand in the blank, the said inserts being prepositioned on a work die (3), and in that there next follows an operation of striking by a punch (5) or similar means making it possible to create the final shape of the component to be obtained and to deform the material for the purpose of the fixed and permanent integration, by crimping the insert or inserts (2), so as to define local reinforcement areas depending on the requirements and the applications and uses of the component obtained. <IMAGE>

IPC 1-7

B21K 25/00

IPC 8 full level

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CPC (source: EP)

B21J 5/002 (2013.01); **B21K 25/00** (2013.01)

Cited by

WO2017203190A1; EP2164999A1; DE19606079C5; FR3051697A1; WO2012085427A1; US9149866B2

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