

Title (en)

Method of producing pieces of aluminium or aluminium alloy.

Title (de)

Verfahren zur Herstellung von Stücken aus Aluminium oder Aluminiumlegierung.

Title (fr)

Procédé pour fabriquer des pièces en aluminium ou en alliage d'aluminium.

Publication

EP 0119365 A1 19840926 (FR)

Application

EP 83420043 A 19830314

Priority

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Abstract (en)

1. A method consisting to cast aluminium or an aluminium alloy in a mould to obtain a piece of metal as soon as the solidification is completed which is sufficiently rigid, characterized in that the piece still in hot condition is stripped immediately after the casting and placed between two chilling moulds of a die defining an imprint the size of which is slightly smaller than the size of the mould, the two chilling moulds of the die being then tightly pulled against one another in order to exert on the cast piece placed between the chilling moulds a combined action of core pressing and of superficial hammering.

Abstract (fr)

L'invention concerne la fabrication de pièces en aluminium, ou en alliage d'aluminium coulé. Aussitôt après solidification du métal dans le moule de coulée, alors que la température à coeur de la pièce est encore comprise entre 400 et 500 degrés centigrades, on démoule la pièce et on la presse entre les deux coquilles d'une matrice, dont les dimensions sont légèrement inférieures à celles de l'empreinte du moule. Application: amélioration des caractéristiques dimensionnelles et mécaniques des pièces coulées en aluminium ou en alliage léger.

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Citation (search report)

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