

Title (en)

A process for manufacturing alloy castings

Title (de)

Verfahren zum Herstellen von Legierungsgussstücken

Title (fr)

Procédé pour la fabrication de pièces moulées en alliage

Publication

EP 0816042 A1 19980107 (EN)

Application

EP 96830377 A 19960703

Priority

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Abstract (en)

The described process contemplates formation of an aluminium casting (1a) by high-pressure or gravity die-casting. Casting (1a) drawn out of the casting mould, is heated and submitted to compacting by being closed into a forging die geometrically similar to, but of smaller sizes than the workpiece itself. Elimination of any porosities in the material, and also crushing of dendritic crystalline aggregates and elongation of the aluminium crystals in the form of fibres parallel to the finished-casting (1) surfaces, is achieved. <IMAGE>

IPC 1-7

B29C 45/00; **B22D 31/00**; **B21J 5/00**; **C21D 7/02**

IPC 8 full level

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CPC (source: EP)

B21J 5/00 (2013.01); **B21J 5/002** (2013.01); **B21J 5/004** (2013.01); **B22D 31/002** (2013.01); **C21D 7/02** (2013.01)

Citation (search report)

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