

Title (en)

PROCESS FOR MANUFACTURING SHAPED BODIES FROM HYPEREUTECTIC ALUMINIUM-SILICON ALLOYS, STARTING FROM POWDERS OBTAINED BY RAPID COOLING

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0265307A1] The process is characterised by a spraying operation comprising cooling by a forced contact solid particle or gas particle at high pressure, an operation of recovery of the powders without the precompression and an operation of extrusion in a die in which only the tool is heated. The process applies to the manufacture of motor vehicle components such as pistons, liners, connecting rods, gudgeon-pins, and the like.

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Cited by

EP0592665A4; EP0398449A1; AU625607B2; EP0535593A1; US5346667A; EP0341714A1; EP1065382A3; EP0526079A1; EP0503951A1; US5344507A; EP0508426A3; US5387272A; CN102220535A; EP0577062A1; EP0410417A1; EP0366134A1; CN113802034A; EP0622469A1; US5478418A; EP0524527A1; US4959195A; WO2006042509A1; WO2012110788A2; US10329651B2

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