

Title (en)

METHOD FOR CASTING COMPONENTS FROM LIGHT ALLOYS ACCORDING TO THE TILT POURING CONCEPT

Title (de)

VERFAHREN ZUM GIESSEN VON BAUTEILEN AUS LEICHTMETALL NACH DEM KIPPGIESSPRINZIP

Title (fr)

PROCEDE DE COULAGE DE COMPOSANTS EN ALLIAGE LEGER SELON LE PRINCIPE DE COULAGE PAR INCLINAISON

Publication

EP 1742752 A1 20070117 (DE)

Application

EP 05736259 A 20050330

Priority

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- DE 102004015649 A 20040331

Abstract (en)

[origin: DE102004015649B3] In a process to cast components of an automobile motor with an aluminium crankcase and cylinder head, the mold is tilted by e.g. 45 to one side at a fulcrum (8). Hot aluminium is discharged (7) from a container into a hopper (2) with a series of inlets (5) discharging to the void within the mold.

IPC 8 full level

B22D 23/00 (2006.01); **B22D 35/04** (2006.01)

CPC (source: EP)

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