

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

- DE 2005000554 W 20050330
- 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)

**B22D 23/006** (2013.01); **B22D 35/04** (2013.01)

Citation (search report)

See references of WO 2005095025A1

Cited by

CN104525865A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102004015649 B3 20050825**; AT E375835 T1 20071115; DE 502005001740 D1 20071129; EP 1742752 A1 20070117; EP 1742752 B1 20071017; ES 2296166 T3 20080416; PL 1742752 T3 20080331; PT 1742752 E 20080117; WO 2005095025 A1 20051013

DOCDB simple family (application)

**DE 102004015649 A 20040331**; AT 05736259 T 20050330; DE 2005000554 W 20050330; DE 502005001740 T 20050330; EP 05736259 A 20050330; ES 05736259 T 20050330; PL 05736259 T 20050330; PT 05736259 T 20050330