

Title (en)

Process and device for manufacturing preferably one-piece alloying bodies from liquid metal

Title (de)

Verfahren und Vorrichtung zur Herstellung von vorzugsweise einteiligen Legierungskörpern aus Flüssigmetall

Title (fr)

Procédé et dispositif de fabrication de préférence, de corps d'alliage monoblocs à partir d'un métal liquide

Publication

EP 1077098 B1 20040303 (DE)

Application

EP 99116270 A 19990818

Priority

EP 99116270 A 19990818

Abstract (en)

[origin: EP1077098A1] Production of one-part alloying body (8) made of liquid metal comprises pouring the liquid metal into a casting mold (2) having a run-off opening (3) in the base; removing the liquid metal exiting the run-off opening into a chill mold (4) moving below the casting mold; and placing the alloying bodies which solidify in the chill mold into transport containers (9). An Independent claim is also included for an apparatus for carrying out the alloying body production. Preferred Features: The run-off speed and/or the run-of flow rate of the liquid metal is controlled or regulated from the opening

IPC 1-7

B22D 3/00; **B22D 46/00**

IPC 8 full level

B22D 3/00 (2006.01); **B22D 46/00** (2006.01)

CPC (source: EP)

B22D 3/00 (2013.01); **B22D 46/00** (2013.01)

Cited by

DE202008014118U1; EP1877209B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1077098 A1 20010221; **EP 1077098 B1 20040303**; AT E260723 T1 20040315; DE 59908747 D1 20040408; DK 1077098 T3 20040712; ES 2217657 T3 20041101

DOCDB simple family (application)

EP 99116270 A 19990818; AT 99116270 T 19990818; DE 59908747 T 19990818; DK 99116270 T 19990818; ES 99116270 T 19990818