

Title (en)
METHOD OF PRODUCING PIECES OF ALUMINIUM OR ALUMINIUM ALLOY

Publication
EP 0119365 B1 19870902 (FR)

Application
EP 83420043 A 19830314

Priority
EP 83420043 A 19830314

Abstract (en)
[origin: EP0119365A1] 1. A method consisting to cast aluminium or an aluminium alloy in a mould to obtain a piece of metal as soon as the solidification is completed which is sufficiently rigid, characterized in that the piece still in hot condition is stripped immediately after the casting and placed between two chilling moulds of a die defining an imprint the size of which is slightly smaller than the size of the mould, the two chilling moulds of the die being then tightly pulled against one another in order to exert on the cast piece placed between the chilling moulds a combined action of core pressing and of superficial hammering.

IPC 1-7
B22D 15/00; **B22D 15/04**; **B22D 21/04**; **B22D 27/04**

IPC 8 full level
B21J 5/00 (2006.01); **B22D 27/11** (2006.01); **B22D 31/00** (2006.01)

CPC (source: EP)
B21J 5/00 (2013.01); **B21J 5/002** (2013.01); **B22D 27/11** (2013.01); **B22D 31/002** (2013.01)

Cited by
WO2013060952A1; WO2013098501A1; WO2009006939A1; US2018002788A1; US2018369906A1; DE102012100458A1; DE102006036369B4; FR2840242A1; EP1375026A3; FR2985205A1; CN104080558A; FR2816858A1; EP1213367A1; FR2803232A1; GB2386576A; GB2386576B; EP2286941A1; CN100381225C; EP0816042A1; US6021663A; EP2332671A1; EP0955113A1; FR2778125A1; FR2981605A1; CN103987530A; US7165600B2; WO2019158858A1; WO2017203190A1; WO0149435A1; WO9929454A1; US10369619B2; US7147031B2; WO2015166167A1; EP2891532A1; WO2016156692A1; WO2016011759A1; WO2016097627A1; WO2016097628A1; US11046110B2; US11338611B2; US7121318B2; WO2011124836A1; WO2012085427A1; US8701741B2; US9149866B2; US7216691B2; WO2014016519A1; US9789532B2

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0119365 A1 19840926; **EP 0119365 B1 19870902**; DE 119365 T1 19850307; DE 3373281 D1 19871008

DOCDB simple family (application)
EP 83420043 A 19830314; DE 3373281 T 19830314; DE 83420043 T 19830314