

Title (en)  
SQUEEZE-CASTING METHOD

Publication  
**EP 0338419 B1 19911204 (DE)**

Application  
**EP 89106583 A 19890413**

Priority  
DE 3812740 A 19880416

Abstract (en)  
[origin: EP0338419A1] The squeeze-casting method is characterised in that the bottom die (10) is used both for casting and for forging. Together with the top half (11) of the casting mould, the bottom die (10) forms the casting cavity (15, 16) and, together with the top die (12) forms the forging die (15, 17). By means of the method, high-grade metal parts can be produced rapidly with high dimensional accuracy, high strength and with little machinery. <IMAGE>

IPC 1-7  
**B21J 5/00; B22D 18/02; B22D 27/11**

IPC 8 full level  
**B21J 5/00** (2006.01); **B22D 18/02** (2006.01); **B22D 27/11** (2006.01)

CPC (source: EP)  
**B21J 5/00** (2013.01); **B21J 5/002** (2013.01); **B22D 18/02** (2013.01); **B22D 27/11** (2013.01)

Cited by  
CN104439158A; CN103418771A; CN109201988A; CN110761129A; EP1219367A1; FR2818565A1; US10022780B2; US7596981B2

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0338419 A1 19891025; EP 0338419 B1 19911204**; DE 3812740 A1 19891026; DE 3812740 C2 19900329; DE 58900521 D1 19920116

DOCDB simple family (application)  
**EP 89106583 A 19890413**; DE 3812740 A 19880416; DE 58900521 T 19890413