

Title (en)

Device and method for manufacturing of casting with insert

Title (de)

Vorrichtung sowie Verfahren zur Herstellung eines Gusswerkstückes mit eingegossenem Einlegeteil

Title (fr)

Dispositif et méthode de fabrication d'une pièce coulée avec insert

Publication

**EP 0868954 B1 20020116 (DE)**

Application

**EP 98104254 A 19980310**

Priority

DE 19710604 A 19970314

Abstract (en)

[origin: EP0868954A1] Apparatus (6) for production of a casting with at least one insert (2) at least partly cast in, by a die casting process, includes a die (7) consisting of at least two die elements (8, 9). At least two die elements (8, 9) have a guide opening (11) accommodating slidable punches and (during the casting process) located by at least one guide section (10) in the respective guide opening.

IPC 1-7

**B22D 17/24**

IPC 8 full level

**B22D 15/04** (2006.01); **B22D 17/24** (2006.01)

CPC (source: EP)

**B22D 15/04** (2013.01); **B22D 17/24** (2013.01)

Cited by

FR2870146A1; US7851015B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 19710604 A1 19980917**; DE 59802603 D1 20020221; EP 0868954 A1 19981007; EP 0868954 B1 20020116

DOCDB simple family (application)

**DE 19710604 A 19970314**; DE 59802603 T 19980310; EP 98104254 A 19980310