

Title (en)

DIE CASTING METHOD SYSTEM AND DIE CAST PRODUCT

Title (de)

DRUCKGUSSVERFAHREN, SYSTEM UND DRUCKGUSSPRODUKT

Title (fr)

SYSTEME ET PROCEDE DE MOULAGE SOUS PRESSION, PRODUIT COULE SOUS PRESSION

Publication

**EP 1694454 A2 20060830 (EN)**

Application

**EP 04814468 A 20041216**

Priority

- US 2004042289 W 20041216
- US 73655703 A 20031217

Abstract (en)

[origin: US2005133187A1] An embodiment in accordance with the present invention provides a method for the production of castings with incorporated tubes, where the castings are from cast metal and where the tubes are cast-in with a superheated molten metal. Multiple tubes or a plurality of designs may be incorporated into the invention. The present invention also provides a method for cooling the interior of a cast product before, during, and after the product is cast.

IPC 8 full level

**B22D 19/00** (2006.01); **B22D 17/00** (2006.01)

CPC (source: EP US)

**B22D 17/007** (2013.01 - EP US); **B22D 19/0072** (2013.01 - EP US)

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)

**US 2005133187 A1 20050623**; EP 1694454 A2 20060830; EP 1694454 A4 20070404; WO 2005058529 A2 20050630; WO 2005058529 A3 20050929

DOCDB simple family (application)

**US 73655703 A 20031217**; EP 04814468 A 20041216; US 2004042289 W 20041216