

Title (en)

DIE CASTING METHOD, DIE-CAST ARTICLE, AND DIE CASTING MACHINE

Title (de)

SPRITZGUSSMETHODE, -ARTIKEL UND -MASCHINE

Title (fr)

PROCEDE ET MACHINE DE COULEE SOUS PRESSION, ET ARTICLE COULE SOUS PRESSION

Publication

**EP 1254731 A1 20021106 (EN)**

Application

**EP 99947908 A 19991014**

Priority

JP 9905687 W 19991014

Abstract (en)

An insert die 18 with a number of slits 18A is provided inside a cavity 16 located between a fixed die plate 12 and a movable die plate 14 of a die casting machine 10, and a breathable metal mold 20 is arranged at a location contacting the front end of the slit 18A. Molten metal can be injected up to the front end of the narrow slits 18A by applying negative pressure on the breathable metal mold 20 and degassing, when pouring in the molten metal. <IMAGE>

IPC 1-7

**B22D 17/00**; **B22D 17/14**; **B22D 17/22**

IPC 8 full level

**B22D 17/14** (2006.01); **B22D 17/22** (2006.01)

CPC (source: EP)

**B22D 17/14** (2013.01); **B22D 17/22** (2013.01)

Citation (search report)

See references of WO 0126849A1

Cited by

JP2012152779A; DE102013214519A1; FR2959691A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 1254731 A1 20021106**; CN 1379702 A 20021113; WO 0126849 A1 20010419

DOCDB simple family (application)

**EP 99947908 A 19991014**; CN 99816946 A 19991014; JP 9905687 W 19991014