

Title (en)
METHOD AND APPARATUS FOR CASTING

Title (de)
GIESSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCEDE ET APPAREIL DE MOULAGE

Publication
EP 1539407 A1 20050615 (EN)

Application
EP 03737753 A 20030724

Priority
• AU 0300941 W 20030724
• AU 2002950374 A 20020725

Abstract (en)
[origin: WO2004011176A1] A method and apparatus for producing a cast product. The apparatus includes a mould (10) having a mould cavity (12) and a runner (14) which communicates with the mould cavity (12). The mould (10) is connected to a feed pipe (11) for feeding molten material to the mould cavity (12) through the runner (14). The mould (10) includes a valve (20) for closing the runner (14) to material flow upon receipt within the mould cavity (12) of sufficient molten material. The method includes closing the runner (14) by the valve (20) upon receipt of sufficient molten material within the cavity (12) and thereafter disconnecting the feed pipe (11) from the mould (10) and inverting mould (10). The method further includes relatively displacing the mould (10) and the feed pipe (11) for connection of the feed pipe (11) to a further mould and allowing the molten material to solidify within the mould cavity (12) prior to removal therefrom.

IPC 1-7
B22D 18/04; **B22D 21/04**

IPC 8 full level
B22D 18/04 (2006.01); **B22D 21/00** (2006.01)

CPC (source: EP)
B22D 18/04 (2013.01); **B22D 21/007** (2013.01)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 2004011176 A1 20040205; AU 2002950374 A0 20020912; EP 1539407 A1 20050615; EP 1539407 A4 20060222

DOCDB simple family (application)
AU 0300941 W 20030724; AU 2002950374 A 20020725; EP 03737753 A 20030724