

Title (en)
METHOD OF AND APPARATUS FOR CASTING

Publication
EP 0234877 B1 19891227 (EN)

Application
EP 87301464 A 19870220

Priority
GB 8604385 A 19860221

Abstract (en)
[origin: EP0234877A1] A method of making a casting comprising the steps of, at a casting station, feeding molten metal from a primary source (10) of molten metal (11) into a mould cavity (15) through an ingate (49) below the top of the mould cavity, placing the cavity out of feeding relationship with the primary source by changing the orientation of the cavity relative to the force due to gravity to prevent flow of molten metal from the cavity towards the primary source and to permit of flow of metal from a secondary source (42) to the cavity, the cavity being continuously connected to the primary source during said change of orientation, transferring the mould cavity to a cooling station spaced from the casting station and, at the cooling station, permitting molten metal to flow to the cavity from the secondary source whilst the metal in the cavity solidifies.

IPC 1-7
B22D 18/04

IPC 8 full level
B22D 18/04 (2006.01); **B22D 23/00** (2006.01)

CPC (source: EP)
B22D 18/04 (2013.01); **B22D 23/006** (2013.01)

Cited by
DE102006058145A1; EP1072341A1; TR200002194A3; EP0941789A1; FR2775917A1; EP0599768A1; CZ303141B6; EP1147836A3; US8763677B2; US6341640B1; DE4304621A1; FR2701413A1; US5386966A; ES2112686A1; WO9000101A1; US6540007B2; US6662857B2; GB2275010A; DE4304622A1; FR2701411A1; US5524700A; GB2275010B; ES2109126A1; AT404685B

Designated contracting state (EPC)
AT BE CH DE ES FR GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0234877 A1 19870902; EP 0234877 B1 19891227; AT E48961 T1 19900115; DE 3761246 D1 19900201; ES 2012802 B3 19900416; GB 8604385 D0 19860326

DOCDB simple family (application)
EP 87301464 A 19870220; AT 87301464 T 19870220; DE 3761246 T 19870220; ES 87301464 T 19870220; GB 8604385 A 19860221