

Title (en)
Improvements relating to casting.

Title (de)
Verbesserungen in Bezug auf das Giessen.

Title (fr)
Améliorations concernant la coulée.

Publication
EP 0154787 A1 19850918 (EN)

Application
EP 85100891 A 19850129

Priority
GB 8403355 A 19840208

Abstract (en)
A method of casting comprising placing in a mould an elongate rigid member (10; 10 min ; 10 sec) surrounded or coated along at least part of its length, with an insulating material (13; 13a; 13b); introducing into the mould molten metal; the molten metal directly contacting the insulating material (13; 13a; 13b), permitting the metal to set to form a coating and to decompose completely the insulating material; removing the casting from the mould and removing the elongate rigid member (10; 10 min ; 10 sec) from the casting; the elongate rigid member (10; 10 min ; 10 sec) is formed with an opening (12; 12 min ; 12 sec), to facilitate the passage of gases produced during said decomposition of the insulating material (13; 13a; 13b) from the mould.

IPC 1-7
B22C 9/10

IPC 8 full level
B22C 9/10 (2006.01)

CPC (source: EP)
B22C 9/101 (2013.01)

Citation (search report)
• [X] GB 386302 A 19330112 - FERMIERE DES FONDERIES ACIERIE
• [Y] GB 663781 A 19511227 - CECIL DUNKIN
• [Y] GB 700777 A 19531209 - GRAHAMSTON IRON COMPANY LTD
• [Y] US 2897556 A 19590804 - JOSEPH CHINI
• [Y] PATENTS ABSTRACTS OF JAPAN, vol. 5, no. 199, December 17, 1981, (M-102) [871]; & JP - A - 56 117 861 (TOYOTA JIDOSHA KOGYO K.K.) 16-09-1981

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

DOCDB simple family (publication)
EP 0154787 A1 19850918; EP 0154787 B1 19880330; AT E33217 T1 19880415; DE 3561989 D1 19880505; GB 8403355 D0 19840314

DOCDB simple family (application)
EP 85100891 A 19850129; AT 85100891 T 19850129; DE 3561989 T 19850129; GB 8403355 A 19840208