

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

Cited by  
GR890100808A; DE3532196A1; US5201357A; EP3827911A1; CN112846091A; DE19645112A1; US5992265A; AT410910B; CN110479964A; DE4431713A1; DE4431713C2; EP0839990A1; WO9006197A1

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