

Title (en)  
APPARATUS FOR METAL SLURRY CASTING

Publication  
**EP 0242347 A3 19881102 (FR)**

Application  
**EP 87870051 A 19870415**

Priority  

- LU 86395 A 19860416
- LU 86640 A 19830210
- LU 86687 A 19861126
- LU 86693 A 19861201

Abstract (en)  
[origin: EP0242347A2] Apparatus which comprises, between a casting vessel (1) equipped with a spout (3) and a continuous-casting ingot mould (11), a cooled conduit (6) the upstream end of which relative to the direction of flow of the metal, is connected to the outlet of the spout (3) and the downstream end of which is provided with means (8) for introducing the liquid metal into the ingot mould (11) in which the introduction means (8) comprise a pipe whose lower end ends in a nozzle the diameter of the outlet cross-section of which is smaller than the diameter of the spout (3). The conduit (6) may consist of a tubular pipe having an internal cross-section greater than the outlet cross-section of the said spout, or of a duct provided with a lining in refractory material and a gastight roof equipped, over at least part of its length, with air cooling means. <IMAGE>

IPC 1-7  
**B22D 11/10**; **C22C 1/00**

IPC 8 full level  
**B22D 11/112** (2006.01); **C22C 1/00** (2006.01)

CPC (source: EP)  
**B22D 11/112** (2013.01); **C22C 1/12** (2023.01)

Citation (search report)  

- [YD] EP 0089196 A1 19830921 - BRITISH STEEL CORP [GB]
- [Y] CH 349755 A 19601031 - BETEILIGUNGS & PATENTVERW GMBH [DE]
- [Y] GB 2013856 A 19790815 - USS ENG & CONSULT
- [A] EP 0093528 A2 19831109 - ALCAN INT LTD [CA]
- [A] US 3127642 A 19640407 - JEAN ZAEYTYDT
- [A] US 2286218 A 19420616 - MARTIN JAMES L
- [Y] SOVIET INVENTIONS ILLUSTRATED, section CH, semaine B13, 10 mai 1979, classe M22, no. 25523; & SU-A-606 680 (BARDIN FERR METALLURGY) 20-04-1978

Cited by  
EP0719606A1; GB2215248A; GB2215248B; US5464053A; US5394931A; EP0572683A4; FR2665654A1; EP0411329A1; US5119977A; WO02055235A1

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