

Title (en)  
APPARATUS FOR THE CONTINUOUS CASTING OF METAL IN A CLOSED GATING SYSTEM

Publication  
**EP 0043987 B1 19840307 (DE)**

Application  
**EP 81105098 A 19810701**

Priority  
CH 534780 A 19800711

Abstract (en)  
[origin: ES8205141A1] A method of casting metallic strands in a closed pouring or teeming system wherein the metal is cast through a refractory distributor vessel-pouring structure, such as a pouring spout, into an open-ended mold connected in flow communication with the pouring structure. To improve the quality of the strand and to increase the production capacity or output of such installations at the region of a connection plane of the distributor vessel-pouring structure and the open-ended mold the metallic melt is maintained away from the wall of the mold inlet opening by means of a constricting or bundling electromagnetic field.

IPC 1-7  
**B22D 1/00**; **B22D 11/01**; **B22D 11/10**

IPC 8 full level  
**B22D 11/04** (2006.01); **B22D 1/00** (2006.01); **B22D 11/01** (2006.01); **B22D 11/047** (2006.01); **B22D 11/10** (2006.01); **B22D 11/103** (2006.01); **B22D 11/119** (2006.01); **B22D 39/00** (2006.01)

CPC (source: EP KR US)  
**B22D 1/00** (2013.01 - KR); **B22D 11/01** (2013.01 - KR); **B22D 11/047** (2013.01 - EP US); **B22D 11/10** (2013.01 - EP US); **B22D 39/003** (2013.01 - EP US)

Cited by  
EP0248242A3; EP0074545A1; EP0298373A3; US4842170A; EP0155575A1; EP0079580A1; US4846255A; EP0071802A3; EP0489348A1; US5191928A; EP0191586A1; US4694888A

Designated contracting state (EPC)  
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