

Title (en)

CLOSURE DEVICE FOR A MOLTEN METAL VESSEL

Publication

EP 0437726 A3 19920422 (DE)

Application

EP 90123654 A 19901208

Priority

DE 4001095 A 19900117

Abstract (en)

[origin: EP0437726A2] A closure device for a molten metal vessel is to be configured in such a way that solidified melt zones are carried away through the throughflow channel (7) during the initial casting process. For this purpose, the cross-section of flow of the throughflow channel (7) widens from an inlet opening (8) in the melt to an outlet opening (12). <IMAGE>

IPC 1-7

B22D 41/14

IPC 8 full level

B22D 11/10 (2006.01); **B22D 41/14** (2006.01)

CPC (source: EP KR US)

B22D 41/00 (2013.01 - KR); **B22D 41/14** (2013.01 - EP US)

Citation (search report)

- [YD] EP 0308597 A2 19890329 - DIDIER WERKE AG [DE]
- [Y] GB 2028474 A 19800305 - NIPPON KOKAN KK
- [AD] US 3511471 A 19700512 - ROSSI IRVING
- [A] FR 1553542 A 19690110
- [A] DE 1923045 A1 19691127 - UNITED STATES STEEL CORP
- [A] EP 0040692 A1 19811202 - STOPINC AG [CH]
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Designated contracting state (EPC)

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DOCDB simple family (application)

EP 90123654 A 19901208; BR 9100172 A 19910116; CA 2034255 A 19910116; CN 91100276 A 19910116; DE 4001095 A 19900117; JP 41918790 A 19901213; KR 910000297 A 19910110; US 63105890 A 19901219; ZA 9010051 A 19901213