

Title (en)

Supplying system in a continuous aluminium casting system.

Title (de)

Einlaufsystem für eine Aluminiumstranggussanlage.

Title (fr)

Système d'alimentation dans une machine de coulée continue d'aluminium.

Publication

EP 0637477 A3 19960403 (DE)

Application

EP 94108061 A 19940526

Priority

DE 4322316 A 19930705

Abstract (en)

[origin: EP0637477A2] The invention relates to a supplying system for continuous aluminium-casting systems, comprising a channel, a feed nozzle (2) which is inserted into the channel (1) and into which a plug (3) for regulating the melt inlet (4) is inserted, the plug (3) closing the melt inlet at the narrowest point of the feed nozzle (2), and furthermore optionally comprising a control system by means of which the depth of insertion of the plug can be controlled within specified limits. A distance A of at least 7 cm should be maintained between the narrowest point of the nozzle and the inlet and outlet of the latter, the space between the nozzle (2) and the plug (3) at the nozzle inlet being narrowed to a length B and a minimum distance of 2 cm remaining from the tip S of the plug to the nozzle outlet Y during operation.

IPC 1-7

B22D 41/16; **B22D 41/50**; **B22D 11/10**

IPC 8 full level

B22D 11/10 (2006.01); **B22D 11/103** (2006.01); **B22D 11/18** (2006.01); **B22D 41/16** (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP KR US)

B22D 11/103 (2013.01 - EP US); **B22D 11/181** (2013.01 - EP US); **B22D 41/16** (2013.01 - EP KR US); **B22D 41/50** (2013.01 - KR)

Citation (search report)

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- [A] EP 0370934 A1 19900530 - SIDERURGIE FSE INST RECH [FR]
- [A] GB 917565 A 19630206 - DIDIER WERKE AG

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EP0726113A1

Designated contracting state (EPC)

BE CH DE ES FR GB GR IT LI

DOCDB simple family (publication)

EP 0637477 A2 19950208; **EP 0637477 A3 19960403**; **EP 0637477 B1 19990324**; AU 6613294 A 19950112; AU 674749 B2 19970109; BR 9402624 A 19950404; CA 2127321 A1 19950106; CA 2127321 C 19990511; CZ 160694 A3 19970514; CZ 285017 B6 19990512; DE 4322316 C1 19950316; DE 59407993 D1 19990429; ES 2133443 T3 19990916; HU 216124 B 19990428; HU 9401732 D0 19940928; HU T67850 A 19950529; KR 950002888 A 19950216; KR 970005376 B1 19970415; NO 300034 B1 19970324; NO 941868 D0 19940519; NO 941868 L 19950106; PL 177723 B1 20000131; PL 303861 A1 19950109; RU 2091193 C1 19970927; RU 94024564 A 19960420; SK 78394 A3 19950913; TW 289002 B 19961021; US 5490554 A 19960213; YU 41294 A 19961009

DOCDB simple family (application)

EP 94108061 A 19940526; AU 6613294 A 19940701; BR 9402624 A 19940704; CA 2127321 A 19940704; CZ 160694 A 19940701; DE 4322316 A 19930705; DE 59407993 T 19940526; ES 94108061 T 19940526; HU 9401732 A 19940609; KR 19940009905 A 19940506; NO 941868 A 19940519; PL 30386194 A 19940616; RU 94024564 A 19940704; SK 78394 A 19940629; TW 83106018 A 19940701; US 27189094 A 19940705; YU 41294 A 19940628