

Title (en)

Connection between nozzle and casting tube for metallurgical vessels.

Title (de)

Verbindung zwischen Ausguss und Giessrohr an metallurgischen Gefässen.

Title (fr)

Connection entre le trou de coulée et la busette de coulée de récipients métallurgiques.

Publication

EP 0483521 A1 19920506 (DE)

Application

EP 91116530 A 19910927

Priority

DE 4034652 A 19901031

Abstract (en)

In a connection between a nozzle (1) and a casting tube (5) at nozzle gates of metallurgical vessels, the drawing in of external air through the connection seal (7) into the stream of molten metal is prevented by the arrangement of a constriction (10, 13, 19, 21) in the inlet end of the casting tube (5). <IMAGE>

Abstract (de)

Bei einer Verbindung zwischen Ausguß (1) und Gießrohr (5) an Ausgußverschlüssen metallurgischer Gefäße wird das Ansaugen von Außenluft in den Schmelzestrom durch die Verbindungsdichtung (7) hindurch mittels der Anordnung einer Verengung (10, 13, 19, 21) im Einlaufende des Gießrohres (5) verhindert. <IMAGE>

IPC 1-7

B22D 41/50

IPC 8 full level

B22D 41/50 (2006.01)

CPC (source: EP KR)

B22D 41/50 (2013.01 - KR); **B22D 41/502** (2013.01 - EP)

Citation (search report)

- [X] EP 0048641 A1 19820331 - AIR LIQUIDE [FR]
- [Y] SU 180308 A1 19660321
- [X] DE 3029529 A1 19820304 - DIDIER WERKE AG [DE]
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Designated contracting state (EPC)

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