

Title (en)

Funnel-shaped mould with a liner tube for the electroslag remelting as well a process therefor

Title (de)

Trichterkokille mit trichterförmigem Einsatzrohr für das Elektroschlackeumschmelzen sowie Verfahren dazu

Title (fr)

Lingotière en forme d'entonnoir avec un tube de revêtement pour la refusion sous laitier électroconducteur ainsi qu'un procédé associé

Publication

EP 0892073 B1 20020911 (DE)

Application

EP 98110287 A 19980605

Priority

DE 19728098 A 19970702

Abstract (en)

[origin: EP0892073A1] The funnel mould (10) with a funnel insert (12) and a melting electrode (58) has a surrounding cutout (36) which is located in the top region of the insert (12) for an approximately ring-shaped graphite electrode (40). This electrode is insulated from the insert by an element (38). The graphite electrode is located below the slag surface level and is surrounded from above by a contact ring (42) with a limiting annular gap (50). The contact ring is connected to the supply grid (54) by a high-current cable (52). The pressure of the cooling water in the gap (22) produces a force to press the graphite electrode (40) against the contact ring (42).

IPC 1-7

C22B 9/18

IPC 8 full level

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CPC (source: EP)

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