

Title (en)
FEED DEVICE FOR GRAVITATIONALLY DEPOSITING A GRANULAR MATERIAL ON THE SURFACE OF A CONTINUOUSLY CAST MOLTEN METAL.

Title (de)
Vorrichtung zum Schwerkraftfördern körnigen Materials auf die Oberfläche einer Schmelze beim Stranggießen.

Title (fr)
DISPOSITIF D'ALIMENTATION POUR LE DEPOT PAR SIMPLE GRAVITE D'UN MATERIAU GRANULEUX SUR LA SURFACE D'UN METAL LIQUIDE COULE EN CONTINU.

Publication
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Application
EP 95900194 A 19941107

Priority
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Abstract (en)
[origin: WO9515234A1] A feed device for gravitationally depositing a layer of granular material on the surface of a molten metal (2) in a continuous casting mould (1), including a hopper (7) containing said granular material (5) and connected to a feed pipe (8) which includes a sloping portion at an angle (α) which is neither zero nor 90 DEG relative to the horizontal, and has a permanently open lower discharge end (10) located above the surface of said metal (2) at a distance equal to or slightly greater than the desired layer thickness. In at least a part of said sloping portion, said feed pipe (8) consists of a straight tube (11), and the device includes an assembly for rotating said straight tube (11) about its own axis, and members (24, 25) for linking the ends (27, 28) of said straight tube (11) to the remainder of said pipe (8) to enable rotation.

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B22D 11/10

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CPC (source: EP KR)
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