

Title (en)
FLUX POWDER SUPPLYING APPARATUS FOR CONTINUOUS CASTING.

Title (de)
PULVERZUFUHRVORRICHTUNG FÜR STRANGGUSS.

Title (fr)
APPAREIL D'ALIMENTATION DE FONDANT EN POUDRE POUR COULEE CONTINUE.

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EP 0011650 A4 19800717 (EN)

Application
EP 79900271 A 19791009

Priority
JP 2907778 U 19780309

Abstract (en)
[origin: EP0011650A1] Improvements in a powder feeding apparatus for continuous casting comprising a powder feeder (7) and a screw conveyor (11) carried by a truck (8) disposed in the vicinity of a casting mould, a guide rod (16) mounted on the screw conveyor (11), said guide rod being operatively associated with an arcuate guide (15) at the posterior portion of the screw conveyor (11), a crank mechanism (13) connected to the screw conveyor (11), a nozzle port (18) loosely fitted on the forward end of the screw conveyor (11) via the guide rod (16), and motors (12), (14) connected to the screw conveyor (11) and crank mechanism (13), respectively. This arrangement thus provides a powder feeding apparatus for continuous casting, wherein the nozzle port (18) can be adjustably reciprocated along the direction of the mold width. The optimum amount of powder can therefore be continuously charged uniformly spread over a molten steel surface during continuous casting.

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CPC (source: EP)
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Citation (search report)
• FR 2407773 A1 19790601 - CONCAST AG [CH]
• FR 2336200 A1 19770722 - CONCAST AG [CH]

Cited by
CN100457325C; CN102699296A; EP0192866A1; US4632173A

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