

Title (en)
FLUX POWDER SUPPLYING APPARATUS FOR CONTINUOUS CASTING

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Application
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Priority
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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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