

Title (en)
INSTALLATION FOR CONTINUOUS CASTING OF FINE METAL STRANDS, ESPECIALLY STEEL

Publication
EP 0278202 B1 19911227 (DE)

Application
EP 87730150 A 19871117

Priority
DE 3703997 A 19870210

Abstract (en)
[origin: EP0278202A2] The installation for continuous casting of strands of less than 20 mm thickness is formed by a pair of circular-cylindrical cooled rollers (1, 2) which are synchronously driven in rotation in the running direction of the strand and the length of which approximately corresponds to the strand width and the roller shell spacing of which in the axis plane (4) corresponds to the strand thickness, a feed tank (6) for the molten metal being provided at a funnel (5) formed by the pair (1, 2) of rollers. For sealing the ends on such roller crystallisers, it is proposed that the feed tank (6) together with the roller shells (10a, 10b) forms a seal (9) at the outer surfaces (8a, 8b) facing the rollers (1, 2) and that a casting chamber (12) formed underneath outlet orifices (11) of the feed tank (6) is sealed in the end regions (1a, 1b) of the rollers (1, 2) in each case by means of an end wall (6a) provided on the feed tank (6), and that the rollers (1, 2), each projecting beyond the strand width by the thickness (15) of the end wall (6a), form a running gap (14) in the end regions (1a, 1b). <IMAGE>

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B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP)
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