

Title (en)
METHOD AND APPARATUS FOR CONTINUOUS CASTING

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Application
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Priority
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Abstract (en)
[origin: WO8701632A1] In a method of horizontal continuous casting with a horizontal or inclined mold (1), and heat treating the casting, which is at least partially solidified in the mold, the latter is supplied with melt (13) from a furnace or casting box preferably tippable about the center line of the mold, and via a casting pipe (2), the forward end of which projects into the mold opening. The mold (1) is movable in relation to the pipe (2) and is rotated continuously or stepwise in one direction or turned reciprocally about its center line. Bridging of solidified melt (13) between the pipe (2) and the casting skin (20) solidified in the mold (1) is prevented by a repelling electromagnetic force being caused to act in a substantially radial direction on the melt (13) flowing into the mold (1).

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IPC 8 full level
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• EP 0168402 A1 19860122 - BRASWELL RICHARD R
• EP 0167433 A1 19860108 - AEROSPATIALE [FR]
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