

Title (en)

METHOD FOR CONTINUOUSLY CASTING METAL IN A MOULD AND INFLUENCE OF AN ELECTRO-MAGNETIC FIELD

Publication

EP 0008376 B2 19890405 (DE)

Application

EP 79102611 A 19790724

Priority

- CH 102979 A 19790202
- CH 118479 A 19790207
- CH 813478 A 19780728

Abstract (en)

[origin: EP0008376A1] 1. A method for the continuous casting of metal, wherein molten metal is poured into a mould (1), the resultant strand (2), having a molten core (3), is withdrawn, guides and further cooled (6), and turbulent flow is set up in the molten core (3) by means of pulsation thrust forces acting on the molten metal and produced by at least one stirring device (10) inducing electromagnetic fields in the strand, wherein these pulsating thrust forces, acting differently on the molten metal, are set up by applying a predetermined asymmetry in the phases, characterized in that the windings (74-77) of one phase coil (70-73) are acted upon by current strengths which are different from those applied to the windings (74-77) of at least one other phase coil (70-73) of the fields.

IPC 1-7

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