

Title (en)
STIRRING DEVICE IN A CONTINUOUS CASTING PLANT

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EP 0145699 B1 19880518 (DE)

Application
EP 84890198 A 19841025

Priority
AT 389683 A 19831104

Abstract (en)
1. Stirring apparatus at a continuous casting plant, in particular at a continuous steel casting plant, comprising at least three induction elements (4, 5, 6 ; 4', 5', 6') disposed one after the other at a strand guide and in the longitudinal direction (11) thereof, operated with alternating current for the formation of a magnetic migration field, wherein the phases (R, S, T) of the alternating current are shifted with respect to each other by a fixed phase angle ϕ , usually of 120 degrees, and each induction element is connected to an own phase (R, S, T) of the at least three-phase alternating current, characterized in that the induction elements (4, 5, 6 ; 4', 5', 6') are electrically connected such that the currents and consequently the intensities and directions of the pertaining electromagnetic fields at at least two neighbouring induction elements (4, 5, 6 ; 4', 5', 6') at any time differ by a phase angle of 180 degrees in addition to the fixed phase angle ϕ .

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