

Title (en)

METHOD AND DEVICE FOR HEATING A METAL MELT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERWÄRMEN EINER METALLISCHEN SCHMELZE

Title (fr)

PROCEDE ET DISPOSITIF POUR LE CHAUFFAGE D'UNE MASSE METALLIQUE EN FUSION

Publication

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Application

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Priority

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Abstract (en)

[origin: US5791399A] PCT No. PCT/DE95/00427 Sec. 371 Date Oct. 24, 1996 Sec. 102(e) Date Oct. 24, 1996 PCT Filed Mar. 30, 1995 PCT Pub. No. WO95/29022 PCT Pub. Date Nov. 2, 1995The invention concerns a method for heating a metal melt, in particular molten steel covered with a casting powder, introduced via a submerged outlet into an ingot mould of a continuous casting plant. In order to ensure uniform heat dissipation over the ingot mould and constant frictional forces between the latter and the casting shell, the heat energy is introduced at given points into the surface of the melt bath and the heat energy point on the surface of the melt bath is brought to a predetermined line.

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US 5791399 A 19980811; AT E164101 T1 19980415; AU 2134695 A 19951116; AU 681022 B2 19970814; BR 9507531 A 19970902; CA 2188938 A1 19951102; CN 1146170 A 19970326; DE 4415212 C1 19951109; EP 0758277 A1 19970219; EP 0758277 B1 19980318; JP H09512213 A 19971209; RU 2120836 C1 19981027; WO 9529022 A1 19951102; ZA 953359 B 19960412

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