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Application

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Abstract (en)

[origin: WO2007123485A1] The invention relates to a device for continuous or semi- continuous casting of metal. The device comprises a mould (1), a casting tube (3) via which a molten metal is supplied to a molten metal (2) already present in the mould (1) in a region at a distance below the meniscus (7) of the latter molten metal, and at least one stirrer (4) consisting of an iron core and a coil applied around it, where the iron core is arranged to be elongated along the broad side of the mould (1), adapted to apply a magnetic field to the molten metal (2) for achieving stirring of said melt (2). The iron core is arranged such that its upper part is positioned at a distance from the meniscus (7) that lies from 50 mm above the surface of the meniscus (7) to 195 mm below said surface and the length of the iron core in relation to the length of the broad side of the mould (1) amounts to at least 50% and at most 80% of the broad side.

IPC 8 full level

B22D 11/115 (2006.01)

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B22D 11/115 (2013.01 - EP KR US); **B22D 27/02** (2013.01 - KR); **B22D 41/08** (2013.01 - KR); **C22C 9/00** (2013.01 - KR)

Citation (search report)

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DOCDB simple family (publication)

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