

Title (en)

CONTINUOUS CASTING MOULD FOR LIQUID METALS, ESPECIALLY FOR LIQUID STEEL

Title (de)

STRANGGIESSKOKILLE FÜR FLÜSSIGE METALLE, INSBESONDERE FÜR FLÜSSIGEN STAHL

Title (fr)

COQUILLE POUR LA COULEE CONTINUE DE METAUX LIQUIDES, EN PARTICULIER D'ACIER LIQUIDE

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Application

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Priority

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Abstract (en)

[origin: US2006102313A1] The invention relates to a continuous casting mould for liquid metals, especially for liquid steel, comprising steel charging plates (2) which are surrounded by water reservoirs (1), cassette-type copper plates (3) arranged against the same, end plates (7), if needed, for the thickness and/or the width of the cast billet, and coolant channels (9). The aim of the invention is to take measures to counteract the high temperatures in the meniscus region (13) using appropriate embodiments of the copper plates (3) and/or the steel charging plates (2). To this end, the thickness (10) of the copper plates (3) between the coolant (11) and the hot side (3 a) of the copper plates varies along the width (2xL) and/or in terms of the height (12).

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