

Title (en)
METHOD FOR THE MULTIPLE CASTING OF METAL STRANDS

Title (de)
VERFAHREN ZUM MEHRFACHGIEßEN VON METALLSTRÄNGEN

Title (fr)
PROCÉDÉ DE COULÉE MULTIPLE DE BARRES MÉTALLIQUES

Publication
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Application
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Abstract (en)
[origin: WO2018060246A1] The invention relates to a method for the continuous casting of metal strands, in particular rolling ingots of aluminum or an aluminum alloy, in which method the liquid metal is cast into a plurality of metal strands simultaneously by means of a plurality of molds, the molds each have a narrow side and a broad side, all molds having a uniform narrow side such that the metal strands have the same thickness after the casting process, at least one of the molds used has a broad side having a length that differs from the length of the broad side of the other molds simultaneously used, for each mold used, a casting-start block is provided, which is arranged on a casting table and is provided for holding the starting strands, the casting process of the metal strands comprising a mold filling phase, in which the casting table is stationary and in which a plurality of starting strands is cast in the associated casting-start blocks, and the casting process comprises a continuous casting phase, in which the casting table is lowered and a plurality of metal strands is cast. The problem of providing a method for the continuous casting of metal strands that enables the continuous casting of rolling ingots/metal strands with different formats at a reduced reject rate is solved by means of a method having the features of claim 1.

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