

Title (en)
METHOD AND DEVICE FOR WORKING A METAL CASTING STRAND THAT IS ROUND IN CROSS-SECTION, BY MEANS OF A REDUCTION IN CROSS-SECTION IN THE FINAL SOLIDIFICATION REGION

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BEARBEITEN EINES IM QUERSCHNITT RUNDEN, METALLISCHEN GIESSSTRANGS DURCH EINE QUERSCHNITTSREDUKTION IM ENDERSTARRUNGSBEREICH

Title (fr)
PROCÉDÉ ET DISPOSITIF DE TRAVAIL DE FIL DE COULÉE MÉTALLIQUE À SECTION TRANSVERSALE RONDE, AU MOYEN D'UNE RÉDUCTION DE LA SECTION TRANSVERSALE DANS LA RÉGION DE SOLIDIFICATION FINALE

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Abstract (en)
[origin: WO2021127717A1] The invention relates to a method for working a metal casting strand (17) that is round in cross-section, by means of a reduction in cross-section in the final solidification region with the aid of at least three forming tools which are distributed around the circumference and act simultaneously on the casting strand (17). In order to provide advantageous working conditions, according to the invention the casting strand (17) is formed by forging tools (2, 3) constituting the forming tools in a longitudinal portion for each forming stroke, which portion corresponds to at least a fourth of the strand diameter before the reduction in cross-section, and the forging tools (2, 3) are rotated by an angle step about the axis of the casting strand (17) between the forming strokes.

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