

Title (en)

APPARATUS FOR THE STEP-BY-STEP WITHDRAWAL FROM A MOULD OF A CONTINUOUSLY UPWARD CAST ELONGATED ARTICLE

Publication

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Application

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Abstract (en)

[origin: ES8706494A1] The present invention relates to an installation for the step by step extraction from an ingot-mould of an elongated solid product (1) obtained by continuous bottom casting, shaping, calibration and solidification in a suitable chamber (2), the installation being characterized in that it is constituted:-by a first fixed device (3), a situated in the immediate vicinity of the outlet orifice of the chamber, constituted by a ring, surrounding the solid, having an inner face (4) in the shape of a frustum of a cone and having an opening comprised between 10 DEG and 20 DEG and having its small base towards the bottom, the space situated between the outer surface of the solid and the inner face of the ring being provided with balls (5) of several diameters able to ensure the wedging of the solid in the case of the beginning of a movement in the upstream direction of this solid-and by a second movable device (6) having the same structure as the first device and also comprising balls, this second device carrying out a reciprocating longitudinal movement along the axis of the solid.

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