

Title (en)
DEVICE FOR THE CONTINUOUS CASTING OF METALS, ESPECIALLY STEEL

Title (de)
VORRICHTUNG ZUM STRANGGIESSEN VON METALLEN, INSBESONDERE VON STAHL

Title (fr)
DISPOSITIF DE COULEE CONTINUE DE METAUX, EN PARTICULIER D'ACIER

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Abstract (en)
[origin: WO0185370A1] The invention relates to a device for the continuous casting of metals, especially steel, by means of a continuous casting mould (1) which is mounted in an oscillating frame (3). Said oscillating frame can be driven so that it oscillates in the direction of casting (2), the course of the oscillation movement and/or the frequency being adjustable. The oscillating frame (3) is mounted with spring assemblies (4a, 4b; 5a, 5b) arranged symmetrically on both sides of the strand, for guiding and weight compensation. The device is used on a continuous casting mould (1) with a shaped casting cross-section (1a), which is mounted in the oscillating frame (3). The leaf-spring-mounted oscillating frame (3) can be operated with the continuous casting mould (1) in a resonance oscillation method in order to give the preliminary section a better surface.

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