

Title (en)
DEVICE FOR CONTINUOUSLY CASTING METALS, ESPECIALLY STEEL

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

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

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Application
EP 01958016 A 20010725

Priority
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Abstract (en)
[origin: WO0213994A1] A device for continuously casting metals, especially steel, consists of multiple consecutive segments (1) which each form the strand guide for casting strands of different widths (4), with roller pairs (2). The rollers are rotationally mounted on segment frames (5; 6), these segment frames (5; 6) each being braced with strand guide frames (10) on both sides. The aim of the invention is to reduce profile increases in the cross-section of the casting strand (4d) in the residual solidification area (4b), by providing a power mechanism (13) at least on the fixed side of the segment frame (5) of a segment (1), between the segment frame (5) and a transversal member (11) connecting the strand guide frames (10) on the two sides. Said power mechanism is situated approximately on the middle strand axis. The power transmission element (13a) of the power mechanism acts upon the segment frame (5), while its base (13b) is supported on the transversal member (11).

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