

Title (en)
PROCESS AND DEVICE FOR CONTINUOUS CASTING OF METAL STRIPS

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Abstract (en)
[origin: WO9000453A1] The invention concerns a process and a device for casting thin metal strips. The molten metal (1) is poured onto at least one of two moving cooling bodies which form an intermediate gap through which the metal flows. A strip (5) with a concave solidification profile is formed on this cooling body (3). The molten metal (6) forms a skin on the other cooling body (8), which in the gap (7) is joined to the partially solidified strip (5) at least on the outer solidified lateral flanks of the latter, and the strip (9) is calibrated to its final dimensions. The strip, which is thereby closed on all sides, is further cooled while its core is still liquid or paste-like until it ultimately solidifies, preferably on the second cooling body (8).

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