

Title (en)
CASTING ROLLER

Title (de)
GIESSWALZE

Title (fr)
CYLINDRE DE LAMINAGE

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Application
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Abstract (en)
[origin: WO0117712A1] The invention relates to a casting roller for a thin strip casting system, comprising an essentially cylindrical core (1) with a covering (2) consisting of copper or a copper alloy, said covering being optionally provided with at least one outer coating (5); an inner cooling system (4) and a regulating device (8, 17, 20) for regulating the outer contour of the casting roller in the front face end areas (7). According to the invention, the regulating device has a support plate (17) in each front face end area of the casting roller. This provides a structurally simple means of evening out heat-related cambering. Said support plate can be adjusted in the longitudinal direction of the casting roller and engages with a ring (8) that radially surrounds the support plate (17), rests against the cover (2) in its front face end areas, respectively, on the inside, and is immovably fixed in relation to the core (1) in the longitudinal direction of the casting roller.

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