

Title (en)

CASTING ROLL WITH ACTIVE DYNAMIC PROFILE

Title (de)

GIESSROLLE MIT AKTIVER PROFILBEEINFLUSSUNG

Title (fr)

ROULEAU DE COULÉE AVEC INFLUENCE ACTIVE SUR LE PROFILÉ

Publication

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Application

EP 07819690 A 20071108

Priority

- EP 2007009681 W 20071108
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Abstract (en)

[origin: WO2008061635A1] The invention relates to a casting roll (1) for the casting of metal strip in the casting gap between two casting rolls with variable separation which are parallel and which can be cooled. The casting roll comprises a roll axle (3) with a roll casing (2) surrounding said axle and with adjustable convexity of the peripheral surface of said roll casing during operation by means of a hydraulic pressure cushion (14). The rotatable roll axle (3) is designed with a cylinder (9), comprising a piston (10), on at least one side (5, 7) of the casting roll (1), and a power system (11) is provided for exertion via the pistons (10) on the pressure medium to influence the convexity of the roll casing (2).

IPC 8 full level

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See references of WO 2008061635A1

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