

Title (en)

ROLL FOR A CONTINUOUS METAL ROLLING OR CASTING PLANT

Title (de)

WALZE ZUM KONTINUIERLICHEN WALZENGIESSEN ODER ZUM WALZEN

Title (fr)

CYLINDRE POUR UNE INSTALLATION DE LAMINAGE OU DE COULEE CONTINUE DES METAUX

Publication

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Application

EP 98902032 A 19980107

Priority

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Abstract (en)

[origin: FR2758282A1] The invention concerns a roll comprising a hub (2), an external ferrule (3) coaxial with the hub, and, between the hub and the external ferrule, a ductile ferrule (4) comprising a plurality of ring-shaped cells (43) axially juxtaposed and supplied with a pressurised liquid, each cell being delimited by an internal cylindrical wall (41) in contact with the hub and an external cylindrical wall (42) in contact with the external hoop, linked by two lateral ductile walls (44, 44') having, in radial cross section, convex surfaces arranged opposite each other. The invention is applicable to casting rolls of a plant for continuous casting between rolls and to laminating rolls.

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