

Title (en)
ROLLING STAND

Title (de)
WALZGERÜST

Title (fr)
CAGE DE LAMINOIR

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Application
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Abstract (en)
[origin: US7104101B1] The invention relates to a roll stand comprising a pair of work rolls 1, 2 for rolling a metal strip B, comprising back-up rolls 8, 9, 10, 11 which provide lateral support to their respectively allocated work rolls 1, 2, with support force directed towards the work rolls 1, 2 being able to be applied to said back-up rolls by means of a force generation device, and comprising support rolls or intermediate rolls 3, 4 which are borne by a chock which can be slid into the roll stand W 1, W 2 in the direction of the longitudinal axis of said chock 7, and wherein said chock can be withdrawn from said roll stand, with each support roll or intermediate roll supporting an associated work roll 1, 2 in a direction which is essentially perpendicular to the direction of movement of the metal strip B. In such a roll stand, changing of the rolls can be carried out more quickly and easily in that the back-up rolls 8, 9, 10, 11 can be positioned from an idle position in which they are arranged outside the region where the chock 7 of the support roll or intermediate roll 3, 4 moves during slide-in or withdrawal, to an operating position in which they rest against the work roll 1, 2.

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