

Title (en)
ROLL STAND COMPRISING A CROWN-VARIABLE-CONTROL (CVC) ROLL PAIR

Title (de)
WALZGERÜST MIT EINEM CVC-WALZENPAAR

Title (fr)
CAGE DE LAMINOIR COMPRENANT UNE PAIRE DE CYLINDRES CVC

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Application
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Abstract (en)
[origin: WO0211916A1] The invention relates to a roll stand comprising a crown-variable-control (CVC) roll pair, preferably a CVC working roll pair and a back-up roll pair, which comprise a contact area (bcont) in which a horizontally active torque (M) acts that leads to a twisting of the rolls and thus to axial forces in the roll bearings. In order to keep the axial forces in the roll bearings as small as possible, the torque (M) is minimized by an appropriate CVC grinding.

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IPC 8 full level
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Cited by
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DE 10039035 A1 20020221; DE 50104024 D1 20041111; EP 1307302 A1 20030507; EP 1307302 B1 20041006; ES 2228927 T3 20050416;
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