

Title (en)
MULTI-ROLL STAND

Publication
EP 0118812 B1 19900801 (DE)

Application
EP 84101855 A 19840222

Priority
DE 3308673 A 19830311

Abstract (en)
[origin: US4598566A] A roll stand has a frame and a pair of small-diameter and substantially parallel working rolls defining a workpiece nip. Thus a strip to be rolled passes in a horizontal upstream-to-downstream direction through the nip. Respective pairs of upper and lower upstream support levers have outer ends pivoted on the frame and inner ends downstream therefrom and respective pairs of upper and lower downstream support levers have outer ends pivoted on the frame downstream of the nip and inner ends pivoted on the inner ends of the upstream levers. Respective pairs of journal blocks mounted on the inner ends of the levers support the working rolls for rotation about substantially parallel axes flanking the nip. A pair of large-diameter and substantially parallel backup rolls flank and bear toward the nip on the working rolls and are rotatable in the frame about substantially parallel axes flanking the working-roll axes and offset therefrom in the direction. Respective upstream and downstream vertically expansible actuators are braced between the upstream and downstream levers between the respective inner and outer ends thereof for vertically bending the working rolls.

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B21B 13/14

IPC 8 full level
B21B 13/14 (2006.01); **B21B 29/00** (2006.01)

CPC (source: EP KR US)
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Cited by
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