

Title (en)
PINCH ROLL DEVICE

Title (de)
VORRICHTUNG FÜR TREIBWALZEN

Title (fr)
DISPOSITIF À ROULEAUX PINCEURS

Publication
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Application
EP 12748552 A 20120706

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Abstract (en)
[origin: WO2013008159A2] A pinch roll device (1) for rolled metallurgic products comprises: - a first pinch roll and a second pinch roll (2, 3), a passage gap (5) being defined therebetween, the first and second rolls (2, 3) being rotatable about a first rotation axis and a second rotation axis (Y1, Y2), respectively, to draw a rolled metallurgic product (10) through the gap (5), - a hydraulic actuator (21, 41) comprising a hydraulic actuator (21, 42, 43) connected to the first roll (2) and/or the second roll (3) to reciprocally either approach or space apart the first and second rolls (2, 3), so as to either reduce or increase the width of the passage gap (5), respectively, - a pressure sensor (25) in the hydraulic circuit (20), - a position sensor (24) in the actuator (21), - a reversible pump (9) in the hydraulic circuit (20, 41) connected to the actuator (21, 42, 43) to slidably move a piston (22) connected to the first roll (2) and/or to the second roll (3).

IPC 8 full level
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