

Title (en)
ROLLING DEVICE

Title (de)
WALZVORRICHTUNG

Title (fr)
DISPOSITIF DE LAMINAGE

Publication
EP 1648625 B1 20070912 (DE)

Application
EP 04741182 A 20040721

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• EP 2004008130 W 20040721
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Abstract (en)
[origin: WO2005011885A1] The invention relates to a rolling device (1) comprising at least two working rolls (2, 3) which are respectively mounted in a roll stand (6) by means of working roll assembly pieces (4, 5). At least one of the working rolls (2, 3) is adjustable relative to the other working roll (2, 3) within the roll stand (6), especially in a vertical direction, so as to adjust a desired rolling gap. At least one working roll (2, 3) is effectively connected to bending means (7), with the aid of which said working roll (2, 3) can be impinged upon by a bending moment. The working roll assembly piece (4, 5) is provided with arms (9, 10) that laterally protrude relative to the axis (8) of the working roll (2, 3) to absorb the force generated by the bending means (7). In order to improve the adjustability of the rolling device to a large ascent, a pressure-transmitting element (12) which can be displaced relative to the roll stand (6), particularly in a vertical direction, is disposed between a pressure-generating element (11) of the bending means (7), especially a piston, and the protruding arm (9, 10) of the working roll assembly piece (4, 5).

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