

Title (en)
Straightening machine with obliquely mounted rolls

Title (de)
Schrägwalzen-Richtmaschine

Title (fr)
Machine à redresser à cylindres obliques

Publication
EP 1114682 B1 20040728 (DE)

Application
EP 00125182 A 20001118

Priority
DE 10000349 A 20000107

Abstract (en)
[origin: EP1114682A2] The strip alignment machine (1) with angled rollers, at a roller stand, has the rollers mounted in upper and lower yokes with vertical movement settings to the upper yoke and its roller. The upper roller (6) is at a built-in component (8) which rides on the side pillars (2) of the frame, with four guide surfaces between integrated setting wedges or fitting bars. A setting wedge for the guide paths (9) is between the leading and trailing pillars, in the direction of material travel, set hydraulically by a double-action piston/cylinder unit. The other wedge is set mechanically. The built-in component (8) has a hollow shaft section (10) as a guide in the upper yoke (4), with a threaded nut (11) to work with a threaded spindle (12) for the vertical setting of the component (8). The threaded spindle (12) is linked to a double-action clamping piston/cylinder unit (15).

IPC 1-7
B21D 3/04

IPC 8 full level
B21D 3/04 (2006.01)

CPC (source: EP US)
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Cited by
CN103769442A; CN103722017A; CN101912878A; DE102020201477A1; WO2021156205A1

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EP 1114682 A2 20010711; EP 1114682 A3 20021016; EP 1114682 B1 20040728; DE 10000349 A1 20010802; DE 10000349 C2 20020404; DE 50007196 D1 20040902; ES 2223374 T3 20050301; JP 2001219218 A 20010814; JP 3453364 B2 20031006; US 2001023604 A1 20010927; US 6412323 B2 20020702

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