

Title (en)

AUTOMATIC STRAIGHTENING MACHINE

Publication

EP 0417469 A3 19910410 (DE)

Application

EP 90115143 A 19900807

Priority

DE 3929397 A 19890905

Abstract (en)

[origin: EP0417469A2] On a straightening machine, resetting from the straightening of a workpiece (10) to the straightening of a workpiece (10') can be performed automatically. The workpiece holders (7), the straightening supports (8) and/or the measuring devices (9) can be displaced along a positioning rail (11) and clamped either to the positioning rail (11) or a transfer rod (30) displaceable in its longitudinal direction, which takes the elements (7, 8, 9) along one after the other into their new desired position. <IMAGE>

IPC 1-7

B21D 3/10

IPC 8 full level

B21D 3/10 (2006.01)

CPC (source: EP)

B21D 3/10 (2013.01)

Citation (search report)

- [AD] DE 3445544 C2 19880922
- [AD] DE 2441080 C
- [AD] DE 3417042 C2 19870611
- [A] US 3316743 A 19670502 - OVSHINSKY HERBERT C
- [A] US 3949588 A 19760413 - SEO NAONORI
- [A] DE 2905386 A1 19801002 - HORNBACHER KARL HEINZ ING GRAD

Cited by

CN115255044A; DE202004009261U1; DE19920003A1; DE19920003C2; FR2876925A1; EP1652593A1; DE19725033C1

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