Title (en)

DEVICE FOR LONGITUDINALLY STITCHING MULTIPIECE PRINTED PRODUCTS

Title (de)

VORRICHTUNG ZUM LÄNGSHEFTEN VON MEHRTEILIGEN DRUCKEREIERZEUGNISSEN

Title (fr)

DISPOSITIF D'AGRAFAGE LONGITUDINAL DE PRODUITS IMPRIMES EN PLUSIEURS PARTIES

Publication

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Application

EP 98907802 A 19980323

Priority

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- CH 106897 A 19970507

Abstract (en)

[origin: WO9850240A1] The invention relates to a rotating stitcher (4) for driving U-shaped wire stitches (43) into printed products (3) being conveyed along a linear path. The invention also relates to a stapling closing device (5) co-operating with the stitcher (4), for closing the wire stitches (43). The rotating stitcher (4) has stitching heads (7) which are hinged around a rotating support (6). A control device guarantees that the stitching heads (7) are swung into a position where the direction of displacement (E) of the stitch plunger (10) is at right angles to the direction of transport (A) of the products (3) to be stitched. This takes place before or during entry of the stitching head (7) into the stitching area. While the wire stitches are driven in and stitched, the stitching heads (7) are held in this position and thus move linearly in the stitching area. The heads (32) of the stapling closing device (5) are guided in the same way, so that they move linearly during stapling, just like the allocated staple head (7).

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Citation (search report)

See references of WO 9850240A1

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WO 9850240 A1 19981112; AT E226519 T1 20021115; AU 6606698 A 19981127; AU 728464 B2 20010111; CA 2284605 A1 19981112; CA 2284605 C 20060711; DE 59806055 D1 20021128; DK 0981450 T3 20021125; EP 0981450 A1 20000301; EP 0981450 B1 20021023; ES 2186129 T3 20030501; JP 2001523178 A 20011120; RU 2185290 C2 20020720; US 6223964 B1 20010501

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