

Title (en)

Wire stitchers and methods of binding sets of sheets.

Title (de)

Drahtheftvorrichtungen und Verfahren zum Binden von Blattstapeln.

Title (fr)

Agrafeuses à fil et procédé pour relier des piles de feuilles.

Publication

EP 0013164 A1 19800709 (EN)

Application

EP 79303015 A 19791221

Priority

- GB 7850325 A 19781229
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- GB 7914810 A 19790427

Abstract (en)

A wire stitcher includes a cutter 125 for cutting a length of wire W from a supply thereof and a stitcher head 101, having a former 105 and driver 106, for forming and driving the length of cut wire for binding a set SS of sheets. The length of cut wire which is presented to the head 101 by wire advancing and cutting mechanism 103 is automatically determined in a dependence upon the thickness of the set SS. The mechanism 103 includes a movable gripper block 120 which advances the wire and the cutter 125 is carried on a movable cutter block 121. Movement of the blocks 120 and 121 is limited such as by an inhibitor 124 which is positioned in dependence upon set thickness.

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IPC 8 full level

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Citation (search report)

- FR 651636 A 19290221
- GB 692106 A 19530527 - VICKERS ARMSTRONGS LTD

Cited by

DE19712876B4; FR2681000A1; CN105819014A; US4708277A; DE3614320A1; EP0028165A1; US5938388A; DE19712863C2; EP0028164A1; EP0099249A1; CN104284781A; JPWO2013168190A1

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