

Title (en)

Stapling device with a stapling head for processing round eyelet staples

Title (de)

Heftvorrichtung mit einem Heftkopf für die Verarbeitung von Ringösenheftklammern

Title (fr)

Dispositif d'agrafage doté d'une tête d'agrafage pour la préparation d'agrafes en forme d'oeillet

Publication

**EP 1837197 A3 20110525 (DE)**

Application

**EP 07103563 A 20070306**

Priority

DE 102006013171 A 20060322

Abstract (en)

[origin: EP1837197A2] The method involves pressing a driver (80) onto shoulders of staples and driving-in the staples into a sheet-like material. An eyelet region of the staples is supported with a staple support (6) introduced between sides of the staples during driving-in of staples. The support is moved out from an eyelet region only when the sides passing through the material are largely bent. The support is removed from a supporting region of the eyelet during a return movement of the support, when a staple end of the driver passes beyond a bottom end of the support located opposite the material. An independent claim is also included for a wire stitcher with a stitching head.

IPC 8 full level

**B42B 4/00** (2006.01); **B27F 7/21** (2006.01)

CPC (source: EP US)

**B27F 7/21** (2013.01 - EP US); **B42B 4/00** (2013.01 - EP US); **Y10T 29/49833** (2015.01 - EP US); **Y10T 29/49835** (2015.01 - EP US); **Y10T 29/49947** (2015.01 - EP US); **Y10T 29/49954** (2015.01 - EP US); **Y10T 29/5307** (2015.01 - EP US); **Y10T 29/5343** (2015.01 - EP US)

Citation (search report)

- [X] EP 0104076 A2 19840328 - INTERLAKE INC [US]
- [AD] EP 0916514 A1 19990519 - BREHMER BUCHBINDEREIMASCHINEN [DE]
- [AD] DE 4444220 A1 19950706 - HOHNER MASCHBAU GMBH [DE]
- [A] FR 2447818 A1 19800829 - XEROX CORP [US]

Cited by

CN106319789A; ITMI20101605A1; US9033329B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1837197 A2 20070926**; **EP 1837197 A3 20110525**; **EP 1837197 B1 20120926**; DE 102006013171 A1 20070927; DE 202006020433 U1 20080731; US 2007220730 A1 20070927; US 7913378 B2 20110329

DOCDB simple family (application)

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