

Title (en)
Stapling device with a vertically adjustable stapling head

Title (de)
Heftvorrichtung mit vertikal verschiebbarem Heftkopf

Title (fr)
Agrafeuse pourvue d'une tête d'agrafage réglable en hauteur

Publication
EP 1769937 A1 20070404 (DE)

Application
EP 06120166 A 20060906

Priority
DE 102005046683 A 20050929

Abstract (en)
The apparatus has a stitching carriage (10) conveying a stack of foldable signatures, and a stitching head (30) shaping and driving a staple into the stack of signatures. A clinch box (15) is configured for closing the staple driven through the signatures, and a controller (90) drives a drive (70). An actuating device for vertical displacement of the head is configured to adapt the apparatus to thickness of signatures. The actuating device includes a swinging arm (50) for vertical adjustment of the head and another swinging arm (55) for controlling movement sequences of the head.

IPC 8 full level
B42B 4/00 (2006.01); **B42C 1/12** (2006.01)

CPC (source: EP US)
B42B 4/00 (2013.01 - EP US)

Citation (search report)

- [XY] US 3708160 A 19730102 - STAUB D, et al
- [Y] US 3899165 A 19750812 - ABRAM STEWART J, et al
- [Y] US 4537342 A 19850827 - MCCAIN WILLIAM B [US], et al
- [A] GB 388917 A 19330309 - BREHMER GEB

Cited by
EP2361785A1; EP2353816A1; ITCR20100002A1; US8424860B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
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