

Title (en)

Automatic pendular stapling apparatus

Title (de)

Automatische pendelförmige Heftvorrichtung

Title (fr)

Appareil d'agrafage automatique à structure pendulaire

Publication

EP 2353816 A1 20110810 (EN)

Application

EP 11000772 A 20110201

Priority

IT CR20100002 A 20100202

Abstract (en)

Automatic High Speed Pendular Movement Stapler Head Apparatus in order to stitch by staples coming from reel of flat or round wire various materials of variable thickness while moving particularly corrugated carton sheets, wooden fillets or paper blocks and this with the synchronization to the feeding speed of the materials in the phase of the penetrating of the staple, with the automatic adjustment of the length of the stems and with a double device in order to protect and guide the staple and so to stitch also high thickness

IPC 8 full level

B27F 7/21 (2006.01); **B27F 7/36** (2006.01); **B42B 4/00** (2006.01)

CPC (source: EP)

B27F 7/21 (2013.01); **B27F 7/36** (2013.01)

Citation (applicant)

- DE 3221067 A1 19831208 - BAHMUELLER MASCH W [DE]
- EP 89104053 A 19890308
- FR 2170345 A5 19730914 - GAUTRONNEAU GILLES [FR]

Citation (search report)

- [YD] DE 3221067 A1 19831208 - BAHMUELLER MASCH W [DE]
- [Y] EP 1629992 A1 20060301 - MUELLER MARTINI HOLDING AG [CH]
- [Y] EP 1769937 A1 20070404 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] US 4196835 A 19800408 - SCHLOUGH JAMES R [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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