

Title (en)
Stapler

Title (de)
Heftgerät

Title (fr)
Agrafeuse

Publication
EP 1944131 B1 20101027 (EN)

Application
EP 08103713 A 20060614

Priority
• EP 06012294 A 20060614
• JP 2005177441 A 20050617
• US 70522505 P 20050803

Abstract (en)
[origin: EP1733848A1] A stapler (1) movable between a rest position and a stapling position and having a front end (6) and a rear end (8). The stapler (1) includes a base (2), a staple magazine (50) coupled to the base (2) and configured to hold staples, and a driver blade (27) operable to drive staples out of the staple magazine (50) during stapling operations. The stapler (1) further includes an elastic member (20) coupled to the driver blade (27) and operable to move the driver blade (27) during stapling operations. The elastic member (20) utilizes potential energy to move the driver blade (27) during stapling operations. The driver blade (27) is positioned above the staple magazine (50) when the stapler (1) is in the rest position and the magazine (50) is extendable from the front end (6) of the stapler (1) to allow a user to load staples in the magazine (50). The stapler (1) is configured such that only the potential energy of the elastic member (20) can operate the driver blade (27) during stapling operations.

IPC 8 full level
B25C 5/02 (2006.01); **B25C 5/16** (2006.01)

CPC (source: EP)
B25C 5/0242 (2013.01); **B25C 5/1696** (2013.01)

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

DOCDB simple family (publication)
EP 1733848 A1 20061220; AT E485922 T1 20101115; AU 2006202591 A1 20070111; CA 2550386 A1 20061217; EP 1944131 A2 20080716; EP 1944131 A3 20080723; EP 1944131 B1 20101027

DOCDB simple family (application)
EP 06012294 A 20060614; AT 08103713 T 20060614; AU 2006202591 A 20060616; CA 2550386 A 20060616; EP 08103713 A 20060614