

Title (en)

Cartridge for pneumatic stapling hammer, particularly for firing u-shaped fixing elements

Title (de)

Kassette für eine pneumatische Klammermaschine zum Eintreiben von U-förmigen Befestigungselementen

Title (fr)

Cassette pour agrafeuse pneumatique pour l'implantation d'éléments de fixation en forme de U

Publication

EP 0876879 A1 19981111 (EN)

Application

EP 98107836 A 19980429

Priority

IT BO970077 U 19970506

Abstract (en)

A cartridge for pneumatic stapling hammer, particularly for firing U-shaped fixing elements (2), characterized in that it comprises: a profiled element (8), which shaped like an inverted letter U and is fixed below the handle (3) of the stapling hammer (1) and to the rear of the head (6) for firing the fixing elements (2) so as to be open downward; a pusher (22) which can slide on the profiled element (8); a traction spring (23) which is accommodated inside the profiled element (8) and in which one end is rigidly coupled to the profiled element (8) and the other end is rigidly coupled to the pusher (22) through a longitudinal slot of the profiled element (8), the spring (23) being guided by a pulley (31) which is rotatably supported inside the profiled element (8) proximate to the head (6) so as to actuate the pusher (22) towards the head; and a cover (14), which can slide on the profiled element (8) between a position for covering the profiled element (8), in which the cover (14) forms, together with the profiled element (8), a guiding channel (15) for the fixing elements (2), which is connected to the firing channel in the head (6) through an opening of the latter, and a position in which the cover (15) uncovers the profiled element (8) to allow loading of the fixing elements (2). <IMAGE>

IPC 1-7

B25C 5/16

IPC 8 full level

B25C 5/06 (2006.01); **B25C 5/16** (2006.01)

CPC (source: EP)

B25C 5/06 (2013.01); **B25C 5/1613** (2013.01)

Citation (search report)

- [Y] US 4211351 A 19800708 - MONACELLI UMBERTO [IT]
- [Y] FR 1475563 A 19670331 - INTERNAT STAPLE AND MACHINE CO
- [A] US 3049715 A 19620821 - ALLEN HOWARD G
- [A] GB 2154926 A 19850918 - MONACELLI UMBERTO

Designated contracting state (EPC)

DE ES FR GB GR IT NL PT SE

DOCDB simple family (publication)

EP 0876879 A1 19981111; **EP 0876879 B1 20051123**; DE 69832433 D1 20051229; IT 238208 Y1 20001016; IT BO970077 U1 19981106

DOCDB simple family (application)

EP 98107836 A 19980429; DE 69832433 T 19980429; IT BO970077 U 19970506