

Title (en)

Tack device for multi-purpose fastening tool

Title (de)

Heftvorrichtung für ein Mehrzweckbefestigungswerkzeug

Title (fr)

Dispositif d'adhérence pour outil de fixation multifonction

Publication

EP 2087966 A1 20090812 (EN)

Application

EP 08002107 A 20080205

Priority

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Abstract (en)

This invention relates to the fastening tool, more especially to the tack device for multi-purpose fastening tool based on the improvement of normal tack device, including the elongated nose plate (34) connected to the elongated base (30), slidable part (38), and the urging part (32) pushing a plurality of fasteners (8,9,10). It's characteristic in the elongated projection that cooperates with the fastener-supporting members separates the inner space of slidable part into two passages including nail passage (335) and U-shaped staple passage (353), and the urging part (32) perfectly covers on both the fastener-supporting members and elongated projection, and the nail-discharging opening are set on the elongated nose plate in the vertical direction. The present invention is capable of fastening the U-shaped staples, U-shaped staples with a flat crown, and nails to realize the multi-purpose fastening tool. This invention which can be a broad application and conveniently took is advantageous in simple device construction, steady functions and low cost of production.

IPC 8 full level

B25C 5/11 (2006.01)

CPC (source: EP)

B25C 5/11 (2013.01)

Citation (search report)

- [A] EP 1541289 A1 20050615 - MAX CO LTD [JP]
- [A] US 3633811 A 19720111 - PLOEN GUNTHER
- [A] US 6345754 B1 20020212 - JENG LIH-RONG [TW]

Cited by

CN108081192A; CN111195881A; CN112091897A; CN107495821A

Designated contracting state (EPC)

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