

Title (en)

Manual fastener driving device.

Title (de)

Handgerät zum Eintreiben von Befestigungsmitteln.

Title (fr)

Outil manuel pour enfoncer des éléments de fixation.

Publication

EP 0254775 A1 19880203 (EN)

Application

EP 86201345 A 19860731

Priority

EP 86201345 A 19860731

Abstract (en)

The device comprises an actuator member (24) subjected to the action of a spring (26), for expelling and driving fastening elements such as staples, nails and the like. One end of a first lever (34) engages the actuator element (24) during its spring-loading stroke. The lever (34) is pivotally mounted on the body of the device and has its other end engaged by a second lever (39) whose point (40) of pivotal mounting on the device is farther away from the actuator member (24) than the point (35) of pivotal mounting of the first lever (34). This makes the device easier to operate. The first lever (34) is provided with a slot (37) in the region of the point (35) of pivotal mounting on the body and its normal rotation during the actuator member loading stage is arrested by a fixed projection (44), after which the lever (34) performs an essentially translatory movement with rapid disengagement of the actuator member (24), which is thus free to expel a fastening element.

IPC 1-7

B25C 5/11; **B25C 1/02**

IPC 8 full level

B25C 5/10 (2006.01)

CPC (source: EP)

B25C 5/10 (2013.01)

Citation (search report)

- [X] FR 1193879 A 19591105
- [X] US 2326540 A 19430810 - HELEN KRANTZ
- [X] US 2769174 A 19561106 - LIBERT NORRIS R
- [Y] GB 2060465 A 19810507 - OFREX GROUP LTD
- [A] GB 920103 A 19630306 - HAUBOLD DIETER
- [A] GB 2032327 A 19800508 - BARRIENDOS C
- [A] DE 3445279 A1 19860619 - MUELLER E GMBH & CO [DE]

Cited by

US5497932A; CN103302639A; US5664722A; US5979736A; CN110405694A; WO9638267A1; WO2006019707A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0254775 A1 19880203

DOCDB simple family (application)

EP 86201345 A 19860731