

Title (en)

Hand-held automatic tape applicator.

Title (de)

Handgehaltenes automatisches Klebebandauftraggerät.

Title (fr)

Applicateur automatique portatif de ruban adhésif.

Publication

EP 0459654 A1 19911204 (EN)

Application

EP 91304308 A 19910514

Priority

US 52298490 A 19900514

Abstract (en)

A tape applicator having a handle and a housing is disclosed. A rotatable toothed gear is located in the housing and houses a tape roll. A pawl is engagable with the gear teeth of the toothed gear to alternately prevent and permit rotation of the tape roll. An applying arm assembly projects the tape out of the housing to dispense the tape and withdraws the tape into the housing after some of the tape is dispensed. A trigger is mounted on the handle and is connected to the pawl and the applying arm. Retraction of the trigger into the handle disengages the pawl from the gear teeth and pivots the applying arm to the extended position. After application of the tape, extension of the trigger pivots the applying arm to the withdrawn position to move the tape into a position in which a fixed cutting blade severs the tape. <IMAGE>

IPC 1-7

B65H 35/00

IPC 8 full level

B65H 35/00 (2006.01); **B65H 35/07** (2006.01); **B65H 75/02** (2006.01)

CPC (source: EP)

B65H 35/0033 (2013.01)

Citation (search report)

- [Y] US 4804437 A 19890214 - TIRTOPRODDJO SANTONO [US], et al
- [Y] FR 1595402 A 19700608

Cited by

US9670028B1; CN110271899A; EP1077193A1; CN107555228A; GB2362632A; GB2362632B; GB2284198A; US5562262A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

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DOCDB simple family (application)

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