

Title (en)

Bag tying machine.

Title (de)

Vorrichtung zum Schliessen von Beuteln.

Title (fr)

Machine pour fermer des sacs.

Publication

EP 0127458 A1 19841205 (EN)

Application

EP 84303545 A 19840525

Priority

GB 8314767 A 19830527

Abstract (en)

A machine for applying an adhesive tape tie to a filled bag comprises at least one pair of counter-rotating wheels 16, 17 to feed the end of a filled bag forwards into a containment zone 29 in which it is gathered together, a single adhesive tape strip at the front of the containment zone 29 with its adhesive side facing the counter-rotating wheels 16, 17, and a pair of spring biased, pivoted clamping jaws 24, 28 in front of the adhesive strip. The pair of spring biased, pivoted clamping jaws 24, 28 are mounted on a movable carriage 25 arranged to move backwards and forwards to move the pivoted clamping jaws 24, 28 backwards and forwards through the containment zone 29. In so doing the jaws 24, 28 pass around the gathered together neck of the bag and wrap the single adhesive tape strip around the gathered together neck of the bag to form a tie.

IPC 1-7

B65B 51/06

IPC 8 full level

B65B 51/00 (2006.01); **B65B 51/06** (2006.01); **B65B 51/08** (2006.01)

CPC (source: EP)

B65B 51/065 (2013.01)

Citation (search report)

- [XD] US 2867067 A 19590106 - PLATT JOHN D, et al
- [A] GB 1516499 A 19780705 - THURNE ENG CO LTD

Cited by

EP0421797A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0127458 A1 19841205; GB 8314767 D0 19830706; JP H0116736 B2 19890327; JP S602424 A 19850108

DOCDB simple family (application)

EP 84303545 A 19840525; GB 8314767 A 19830527; JP 10826284 A 19840528