

Title (en)

Method of closing a bag by means of a fastener, especially a twist tie

Title (de)

Verfahren zum Verschliessen eines Beutels mittels eines Befestigungsmittels, insbesondere Clipband oder Twistband

Title (fr)

Procédé de fermeture d'un sac au moyen d'un dispositif de fixation, notamment un lien à torsader

Publication

**EP 1710161 A1 20061011 (DE)**

Application

**EP 06002046 A 20060201**

Priority

DE 102005015884 A 20050406

Abstract (en)

The method involves placing fasteners (R1, R2) around a bag (7) and twisting the fasteners by a closing device (9). The device is driven by crosscut ends of the fasteners or received by clamping of two ends, and adjacently rotated for closing the bag. Ends of the fasteners are pressed against each other by a positioning device after shifting the fasteners to the bag, so that the ends lie close together or parallel to each other. An independent claim is also included for a packaging machine for closing a bag by fasteners.

IPC 8 full level

**B65B 51/08** (2006.01); **B65D 63/10** (2006.01)

CPC (source: EP)

**B65B 51/08** (2013.01); **B65D 63/10** (2013.01)

Citation (search report)

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- [X] US 3083512 A 19630402 - HILTON FRANK E
- [X] US 4711064 A 19871208 - TSUDA MASAOKI [JP]
- [A] FR 2405769 A1 19790511 - MOLENAARS BETONINDUSTRIE BV [NL]

Cited by

CN110589053A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1710161 A1 20061011**; DE 102005015884 A1 20061012

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