

Title (en)

Device for cutting a strip-like package

Title (de)

Vorrichtung zum Schneiden einer Streifenverpackung

Title (fr)

Dispositif pour couper un emballage sous forme de bande

Publication

EP 0847926 B1 20000809 (DE)

Application

EP 97121053 A 19971201

Priority

DE 19651954 A 19961213

Abstract (en)

[origin: EP0847926A1] The appliance consists of rotating cutter (15) which separates the product carrier (1) in the region of a linking seal (4) between two sachets embossed with a with a grid pattern (19) across the longitudinal direction of movement of the product carrier. To identify and locate the linking seals an optical reflection sensor (6) is positioned above and/or below the product carrier. The sensor generates an AC signal which corresponds to the grid pattern when the linking seal is in the region of the sensor. The number of cycles provides a measure of the width b of the linking seal. A processor evaluates the AC signal to control the peripheral speed of the rotary cutter to ensure that the separating cut takes place in the middle of the linking seal.

IPC 1-7

B65B 61/08; **B65B 41/18**

IPC 8 full level

B65B 41/18 (2006.01); **B65B 61/08** (2006.01)

CPC (source: EP US)

B65B 41/18 (2013.01 - EP US); **B65B 61/08** (2013.01 - EP US); **B65B 9/04** (2013.01 - EP US); **Y10T 83/0515** (2015.04 - EP US); **Y10T 83/159** (2015.04 - EP US); **Y10T 83/4737** (2015.04 - EP US)

Cited by

US6717087B1; CN103318442A; CN103481314A; CN105517905A; EP1867470A1; US8038922B2; WO2017125377A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0847926 A1 19980617; **EP 0847926 B1 20000809**; DE 19651954 A1 19980618; DE 59702140 D1 20000914; ES 2150182 T3 20001116; US 5957821 A 19990928

DOCDB simple family (application)

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