

Title (en)

A method and a device for wrapping groups of products, in particular packets of cigarettes

Title (de)

Verfahren und Vorrichtung zum Umhüllen von Gegenstandsgruppen, insbesondere Zigarettenspackungs-Gruppen

Title (fr)

Procédé et dispositif pour envelopper des groupes d'objets, spécialement des paquets de cigarettes

Publication

EP 0860357 B1 20030716 (EN)

Application

EP 98830052 A 19980206

Priority

IT BO970077 A 19970220

Abstract (en)

[origin: EP0860357A1] To envelop a group (19) of products completely in a wrapper (23) of parallelepiped appearance with two end faces (25), a wrapping material (3) is decoiled and divided up cyclically along transverse cutting lines (T) to generate single sheets (2) each with transverse edges (2i, 2s) of which one receives a coating of gum (16) dispensed along a transverse line (G), parallel to the cutting line (T), by a first applicator (12); the sheet (2) is then passed around a relative group (19) of products, its two edges (2i, 2s) joining to form a tubular wrapper (23) with open ends (28) each consisting in a set of projecting folds (13, 39). The wrapper (23) and its contents are transferred toward a folding unit (40) where more gum (16') is applied to at least one of the two end folds (13, 39) by a second applicator (18), whereupon the folds (13, 39) are flattened to close up the end faces (25). <IMAGE>

IPC 1-7

B65B 11/42

IPC 8 full level

B65B 11/42 (2006.01)

CPC (source: EP)

B65B 11/42 (2013.01)

Cited by

IT201900004159A1; CN103612863A; IT201900003871A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0860357 A1 19980826; EP 0860357 B1 20030716; CN 1108255 C 20030514; CN 1191833 A 19980902; DE 69816353 D1 20030821; DE 69816353 T2 20040415; IT 1290689 B1 19981210; IT BO970077 A0 19970220; IT BO970077 A1 19980820

DOCDB simple family (application)

EP 98830052 A 19980206; CN 98104488 A 19980219; DE 69816353 T 19980206; IT BO970077 A 19970220