

Title (en)

Apparatus for covering groups of products with tubular stretch film

Title (de)

Vorrichtung zum Überziehen von Produktgruppen mit Schlauch-Stretchfolie

Title (fr)

Appareil pour recouvrir des groupes de produits avec un film étirable tubulaire

Publication

**EP 1818261 A1 20070815 (EN)**

Application

**EP 07101899 A 20070207**

Priority

IT BO20060096 A 20060210

Abstract (en)

An apparatus for covering one or more products comprises: means (8) for gripping and opening the mouth of the film (2); means (13) for gathering up or folding the film (2) in concertina fashion on the arms (10); these means (13) comprise a power-driven belt (14) for concertina folding the film (2), positioned in the area at the back of a film (2) contact surface (10b) of the vertical section (10a); an idle roller (16), positioned to face the contact surface (10b) and driven by respective means (17) between a retracted, idle position, where the roller (16) is away from the belt (14), and an advanced, working position, where the roller (16) is in contact with the film (2) interposed between the roller (16) itself and the belt (14).

IPC 8 full level

**B65B 9/13** (2006.01)

CPC (source: EP)

**B65B 9/135** (2013.01)

Citation (search report)

- [A] DE 9001321 U1 19900412
- [A] EP 1580128 A1 20050928 - AETNA GROUP SPA [IT]
- [A] EP 1266829 A1 20021218 - BEUMER MASCHF GMBH & CO KG [DE]
- [A] DE 19732298 C1 19990204 - MOELLERS MASCHF GMBH [DE]
- [A] US 4063401 A 19771220 - HIGGINS DAVID M

Cited by

EP2902328A4; CN106314889A; NL2017863B1; ITMO20130096A1; EP2792599A1; WO2016070883A1; WO2014049184A1; US10800559B2

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1818261 A1 20070815; EP 1818261 B1 20090610**; AT E433414 T1 20090615; DE 602007001247 D1 20090723; IT BO20060096 A1 20070811

DOCDB simple family (application)

**EP 07101899 A 20070207**; AT 07101899 T 20070207; DE 602007001247 T 20070207; IT BO20060096 A 20060210