

Title (en)

Method and packaging machine for automatic packaging self-supporting articles or article packages

Title (de)

Methode und Verpackungsmaschine für das automatische Verpacken von rigiden Artikeln oder Verpackungen von Artikeln

Title (fr)

Procédé et machine pour l'emballage automatique des articles ou emballages d'articles rigides

Publication

EP 2080702 B1 20100317 (EN)

Application

EP 08100650 A 20080118

Priority

EP 08100650 A 20080118

Abstract (en)

[origin: EP2080702A1] The invention relates to a method for automatic packaging self-supporting articles or article packages, said method comprising arranging articles or article packages in substantially rectangular packaging blocks, around which is wrapped a package wrapper of flexible material for a substantially sealed shipping and/or storage parcel. The method comprises providing the package wrapper as a certain size one-piece sheet (2), which is placed to rest on the packaging machine's receiving elements (24), after which the sheet is worked into a substantially U-shaped cover (3) and further into a closed sleeve element (4) and the protruding ends of the sleeve element's top and bottom surfaces are folded against the packaging block's (5) end surfaces (5d, 5e) to configure the sleeve element's side surfaces into triangular formations (7) which are pressed against the end surfaces for providing a closed wrapping. The method comprises flattening the triangular formations prior to pressing the same against the end surfaces. In order to uphold the package together, several steps involve the use of an adhesive. The invention relates also to an automatically operated packaging machine (20) for packaging self-supporting articles or article packages.

IPC 8 full level

B65B 11/12 (2006.01)

CPC (source: EP)

B65B 11/12 (2013.01)

Cited by

CN108349601A; US2024025583A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2080702 A1 20090722; EP 2080702 B1 20100317; AT E461110 T1 20100415; DE 602008000839 D1 20100429; ES 2341305 T3 20100617; PT 2080702 E 20100614

DOCDB simple family (application)

EP 08100650 A 20080118; AT 08100650 T 20080118; DE 602008000839 T 20080118; ES 08100650 T 20080118; PT 08100650 T 20080118