

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

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Application

EP 08100650 A 20080118

Priority

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Abstract (en)

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)

Citation (search report)

- [A] EP 1770014 A2 20070404 - FUJIFILM CORP [JP]
- [A] US 3078633 A 19630226 - ERIK STROMBERG NILS, et al
- [A] DE 2130868 A1 19730111 - SCANDIA PACKAGING MACH

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CN108349601A

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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

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