

[SS 5] method and wrapping and material and adhesive and free

Results in EPODOC 36

[SS 6] ..li



1/36 © EPODOC / EPO

- PN - [RU2644113](#) C1 20180207
- PR - WO2014SE50719 20140613
- AP - RU20170100917 20140613
- DT - I
- CCI - [A61F13/551](#) ; [A61F13/5514](#) ;
[A61F13/15747](#)
- CUI - [A61F13/5515](#) ; [A61F13/15723](#) ;
[A61F13/15804](#)
- CUA - [A61F2013/8497](#)
- PA - SCA HYGIENE PROD AB [SE]
- TI - **METHOD FOR
PRODUCING WRAPPING SHEET
HAVING IMPROVED SEALING
CAPACITY**
- AB - FIELD: textile, paper.
SUBSTANCE: **method** for
producing a **wrapping material**
from a continuous web
of **wrapping** sheets for hygienic
products is provided.
Each **wrapping** sheet has an
inner surface and an outer
surface. The inner surface
comprises of an edge region
including an inner edge portion
and an outer edge portion.
The **wrapping** sheet has at least
one first folding axis separating
the **wrapping** sheet to the first
zone and the second zone. The
first zone comprises of the first
central portion, and the second
zone comprises of the second
central portion. In accordance
with the present invention
the **method** comprises of steps
of (a) making one inner edge

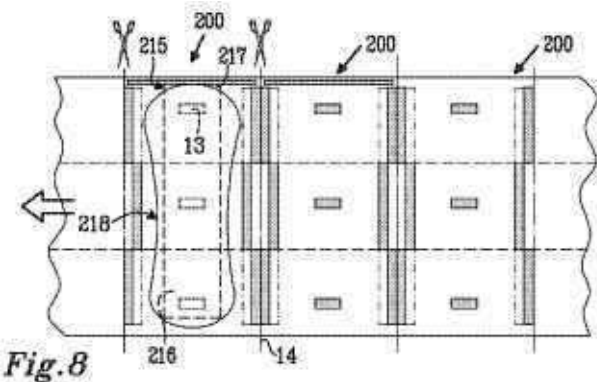


Fig. 8

portion and the outer edge portion of the edge region of the first zone with the first **adhesive**, providing for the repeated hermetic connections so that another one of the inner and outer edge portions of the edge region of the first zone is **free** from the **adhesive**; (b) making one inner edge portion and the outer edge portion of the edge region of the second zone with the first **adhesive**, providing for repeated hermetic connections so that the other inner edge portion and the outer edge portion of the edge region of the second region is **free** from the **adhesive**, ensuring complementarity relative to the edge region of the first zone; (c) making at least one of the first central portion of the first and the second zone of the central portion of the second zone with the second **adhesive**, while the steps (a) to (c) are carried out simultaneously. EFFECT: increased tightness. 15 cl, 8 dwg

2/36 © EPODOC / EPO

PN - US2018016472 A1 20180118

PR - DE201510102104
20150213; WO2016EP52242
20160203

AP - US201615548021 20160203

DT - **

CCI - C09J7/21

CUI - D06H7/00 ; D06H7/005 ;
D06H7/223

CQI - C09J7/04

CCA - C09J2203/302 ; C09J2205/10 ;
C09J2400/263 ; C09J2421/00 ;
C09J2433/00

CUA - C09J121/00 ; C09J157/06 ;
C09J2201/16 ; C09J2467/006 ;
C09J2477/006

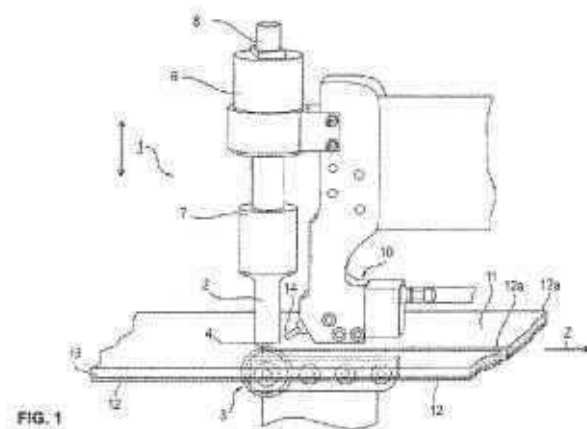


FIG. 1

PA - COROPLAST FRITZ MÜLLER GMBH
& CO KG [DE]

TI - **METHOD** FOR ASSEMBLING
TEXTILE **ADHESIVE** TAPES

AB - A **method** for assembling
cable **wrapping** tapes. From
an **adhesive** tape parent roll,
strip-like **adhesive** tapes (11),
each having two cut edges (12a)
on the sides, are produced from
a textile **material** which has
an **adhesive** coating (12) on one
side, by cutting in the drawing
direction of the parent roll. The
cutting is performed using an
ultrasound-excited cutting tool
(1) and wherein the cutting is
performed using a cooled cutting
tool (1). An **adhesive** tape (11),
having a strip-like textile
carrier **material** (13) and
an **adhesive** coating (12) applied
to one side and two cut edges
(12a) on the sides. The cut edges
(12a) are created by ultrasound
cutting, and the textile
carrier **material** (13) of the
carrier is fused to its cut edges
(12a). No **adhesive** coating (12)
exists on the cut edges (12a);
which are **free** of lint and
threads.

3/36 © EPODOC / EPO

PN - CN107250307 A 20171013

PR - DE201510102104
20150213; WO2016EP52242
20160203

AP - CN2016809996 20160203

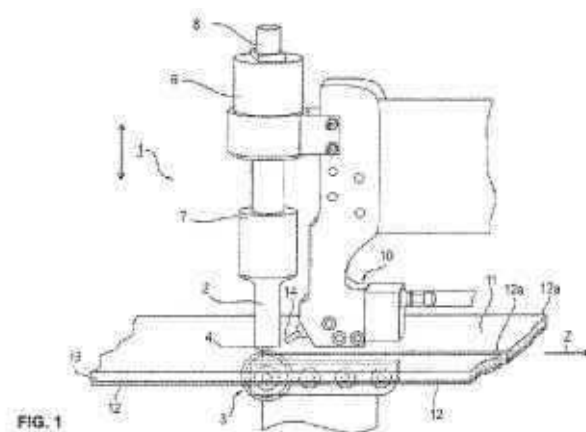
DT - I

CCI - C09J7/21

CUI - D06H7/00 ; D06H7/005 ;
D06H7/223

CQI - C09J7/04

CCA - C09J2203/302 ; C09J2205/10 ;
C09J2400/263 ; C09J2421/00 ;
C09J2433/00

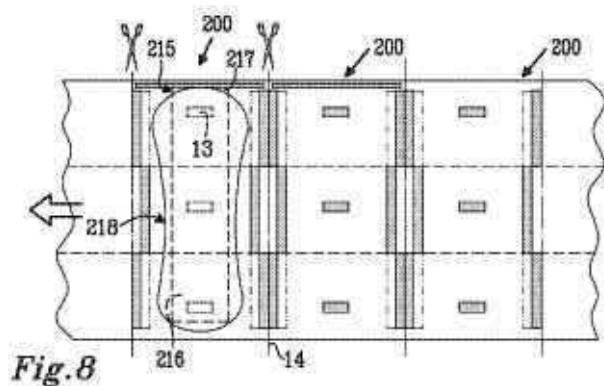


- CUA - C09J121/00 ; C09J157/06 ;
C09J2201/16 ; C09J2467/006 ;
C09J2477/006
- PA - COROPLAST FRITZ MULLER GMBH
&CO KG
- TI - **Method** for assembling
textile **adhesive** tapes
- AB - The present invention relates to
a **method** for assembling
textile **adhesive** tapes, in
particular cable **wrapping** tapes.
From an **adhesive** tape parent
roll, a plurality of strip-
like **adhesive** tapes (11), each
comprising two cut edges (12a)
on the sides, are produced from
a textile **material** which has
an **adhesive** coating (12) applied
to the one side, by cutting from
same in the drawing direction of
the parent roll. The cutting is
performed by means of
ultrasound, wherein an
ultrasound-excited cutting tool
(1) is used and wherein the
ultrasound cutting is performed
while cooling, in particular
using a cooled cutting tool (1).
The present invention further
relates to an **adhesive** tape (11),
produced in particular in
accordance with the **method**
according to the invention,
comprising a strip-like textile
carrier **material** (13) and
an **adhesive** coating (12) applied
to one side and two cut edges
(12a) on the sides. The cut edges
(12a) are produced by
ultrasound cutting, wherein the
textile carrier **material** (13) is
fused to the cut edges (12a)
thereof, and there is no **adhesive**
coating (12) on the cut edges
(12a) and the cut edges (12a) are
lint-**free** and thread-**free**.

PN - [CN106916546](#) A 20170704
 PR - CN201511034967 20151228
 AP - CN201511034967 20151228
 DT - I
 CNOI - [C09J7/203](#) ; [C09J7/21](#)
 CNOA - [C09J2201/128](#) ; [C09J2205/10](#)
 PA - YANNENGJIN
 TI - Enhanced nail- **free** glue slice and manufacturing **method** thereof
 AB - The invention relates to an enhanced nail-**free** glue slice and a manufacturing **method** thereof. The enhanced nail-**free** glue slice is formed through **wrapping** a middle part mesh **material** with a nail-**free** glue paste at two sides and compacting the middle part and the two sides, gaps of the mesh **material** is full of the nail-**free** glue paste, warps and wefts of the mesh **material** are wrapped with the nail-**free** glue paste, and a soft slice with good **adhesive** property and with the thickness of 0.5-3 mm is obtained after a part of a solvent volatilizes and before two-sided release paper is pasted. The manufacturing **method** comprises the following steps: sequentially covering and superposing lower release paper, the mesh **material** and upper release paper, allowing the superposed materials to traverse through rollers, extruding the nail-**free** glue paste to a position between the silicone oil surface of the upper release paper and the mesh **material** and a position between the silicone oil surface of the lower release paper and the mesh **material**, rolling and thinning the nail-**free** glue paste through the rollers, cutting the obtained double layer release paper and nail-**free** glue paste wrapped mesh **material** slice composition to form blocks, volatilizing the solvent, and carrying out sealing packaging. The enhanced nail-**free** glue slice has the advantages of convenience in use, fastness in construction, good elasticity and high tear strength.

5/36 © EPODOC / EPO

PN - [CN106687094](#) A 20170517
 PR - WO2014SE50719 20140613
 AP - CN2014879818 20140613
 DT - I
 CCI - [A61F13/551](#) ; [A61F13/5514](#) ;
[A61F13/15747](#)
 CUI - [A61F13/5515](#) ; [A61F13/15723](#) ;
[A61F13/15804](#)
 CUA - [A61F2013/8497](#)
 PA - SCA HYGIENE PROD AB
 TI - **Method** for forming a **wrapping** sheet having improved sealing
 AB - The present invention provides a **method** for forming a **wrapping material** for hygiene articles from a continuous web of **wrapping** sheets. Each **wrapping** sheet has an



inner surface and an outer surface, the inner surface comprising an edge zone comprising an inner edge portion and an outer edge portion. The **wrapping** sheet has at least one first folding axis dividing the **wrapping** sheet into a first region and a second region. The first region comprises a first central portion, and the second region comprises a second central portion. The **method** according to the present invention comprising the steps of: (a) providing one of the inner edge portion and the outer edge portion of the edge zone of the first region with a first resealable **adhesive**, such that the other of the inner edge portion and the outer edge portion of the edge zone of the first region is **adhesive-free**; (b) providing one of the inner edge portion and the outer edge portion of the edge zone of the second region with a first resealable **adhesive**, such that the other of the inner edge portion and the outer edge portion of the edge zone of the second region is **adhesive-free** in a complementary manner to the edge zone of the first region; (c) providing at least one of the first central portion of the first region and the second central portion of the second region with a second **adhesive**; wherein the steps a-c are performed simultaneously.

PN - MX2016016280 A 20170331

PR - WO2014SE50719 20140613

AP - MX20160016280 20140613

DT - I

CCI - A61F13/551 ; A61F13/5514 ;
A61F13/15747

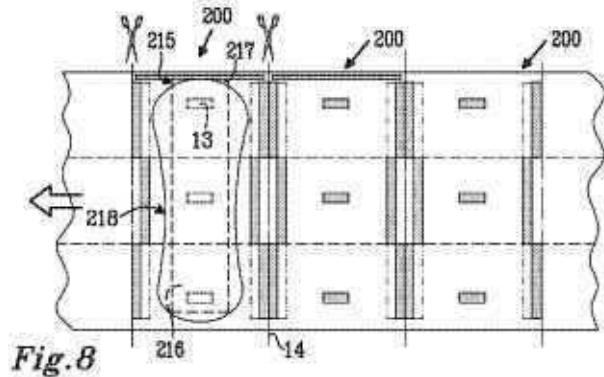
CUI - A61F13/5515 ; A61F13/15723 ;
A61F13/15804

CUA - A61F2013/8497

PA - SCA HYGIENE PROD AB [SE]

TI - **METHOD FOR FORMING
A WRAPPING SHEET HAVING
IMPROVED SEALING.**

AB - The present invention provides
a **method** for forming
a **wrapping material** for hygiene
articles from a continuous web
of **wrapping** sheets.
Each **wrapping** sheet has an
inner surface and an outer
surface, the inner surface
comprising an edge zone
comprising an inner edge
portion and an outer edge
portion. The **wrapping** sheet has
at least one first folding axis
dividing the **wrapping** sheet into
a first region and a second
region. The first region
comprises a first central portion,
and the second region comprises
a second central portion.
The **method** according to the
present invention comprising the
steps of: (a) providing one of the
inner edge portion and the outer
edge portion of the edge zone of
the first region with a first
resealable **adhesive**, such that
the other of the inner edge
portion and the outer edge
portion of the edge zone of the
first region is **adhesive-free**; (b)
providing one of the inner edge
portion and the outer edge
portion of the edge zone of the
second region with a first



resealable **adhesive**, such that the other of the inner edge portion and the outer edge portion of the edge zone of the second region is **adhesive-free** in a complementary manner to the edge zone of the first region; (c) providing at least one of the first central portion of the first region and the second central portion of the second region with a second **adhesive**; wherein the steps a-c are performed simultaneously.

7/36 © EPODOC / EPO

PN - [US2017128279](#) A1 20170511

PR - WO2014SE50719 20140613

AP - US201415318178 20140613

DT - **

CT - || R141 (A1)
[US2013165888](#) A1 20130627 [] (KINOSHITA HIDEYUKI [JP], et al);
[US6176850](#) B1 20010123 [] (ROSENFELD LEONARD GELLER [US], et al);
[US7708727](#) B2 20100504 [] (WOLTMAN GARRY ROLAND [US], et al)

CCI - [A61F13/551](#) ; [A61F13/5514](#) ; [A61F13/15747](#)

CUI - [A61F13/5515](#) ; [A61F13/15723](#) ; [A61F13/15804](#)

CUA - [A61F2013/8497](#)

PA - SCA HYGIENE PROD AB [SE]

TI - **METHOD** FOR FORMING
A **WRAPPING** SHEET HAVING
IMPROVED SEALING

AB - A **method** for forming
a **wrapping material** for hygiene
articles involves: providing one
of the inner edge portion and the
outer edge portion of the edge
zone of the first region with a
first resealable **adhesive**, such

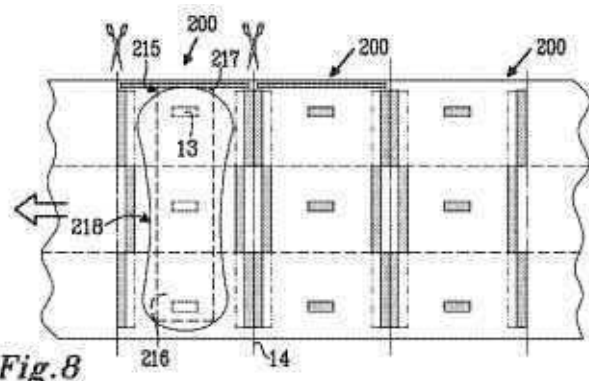


Fig. 8

that the other of the inner edge portion and the outer edge portion of the edge zone of the first region is **adhesive-free**; providing one of the inner edge portion and the outer edge portion of the edge zone of the second region with a first resealable **adhesive**, such that the other of the inner edge portion and the outer edge portion of the edge zone of the second region is **adhesive-free**; and providing at least one of the first central portion of the first region and the second central portion of the second region with a second **adhesive**; wherein the steps a-c are performed simultaneously.

8/36 © EPODOC / EPO

PN - [AU2014396899](#) A1 20161117
 PNFP - AU2014396899B B2 20170223
 PR - WO2014SE50719 20140613
 AP - AU20140396899 20140613
 DT - I
 CT - || STSE (B2)
 [WO2013162430](#) A1 20131031 [
] (SCA HYGIENE PROD AB [SE], et
 al);
 [EP2737886](#) A1 20140604 [
] (UNICHARM CORP [JP])
 CCI - [A61F13/551](#) ; [A61F13/5514](#) ;
 [A61F13/15747](#)
 CUI - [A61F13/5515](#) ; [A61F13/15723](#) ;
 [A61F13/15804](#)
 CUA - [A61F2013/8497](#)
 PA - (A1 B2)
 SCA HYGIENE PROD AB
 TI - (A1 B2)
 Method for forming a **wrapping**
 sheet having improved sealing
 AB - (A1 B2)
 The present invention provides
 a **method** for forming

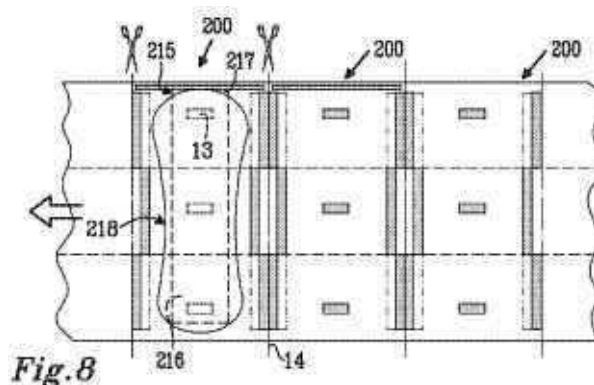


Fig. 8

a **wrapping material** for hygiene articles from a continuous web of **wrapping** sheets.

Each **wrapping** sheet has an inner surface and an outer surface, the inner surface comprising an edge zone comprising an inner edge portion and an outer edge portion. The **wrapping** sheet has at least one first folding axis dividing the **wrapping** sheet into a first region and a second region. The first region comprises a first central portion, and the second region comprises a second central portion.

The **method** according to the present invention comprising the steps of: (a) providing one of the inner edge portion and the outer edge portion of the edge zone of the first region with a first resealable **adhesive**, such that the other of the inner edge portion and the outer edge portion of the edge zone of the first region is **adhesive-free**; (b) providing one of the inner edge portion and the outer edge portion of the edge zone of the second region with a first resealable **adhesive**, such that the other of the inner edge portion and the outer edge portion of the edge zone of the second region is **adhesive-free** in a complementary manner to the edge zone of the first region; (c) providing at least one of the first central portion of the first region and the second central portion of the second region with a second **adhesive**; wherein the steps a-c are performed simultaneously.