

(12) UK Patent Application (19) GB (11) 2 220 912 (13) A

(43) Date of A publication 24.01.1990

(21) Application No 8916526.0
(22) Date of filing 17.07.1989
(30) Priority data
(31) 8809103 (32) 15.07.1988 (33) DE

(71) Applicant
Storalene GmbH

(Incorporated in the Federal Republic of Germany)
Schillerstrasse 44, D-2000 Hamburg 50,
Federal Republic of Germany

(72) Inventor
Edgar Woysch

(74) Agent and/or Address for Service
Withers & Rogers
4 Dyer's Buildings, Holborn, London, EC1N 2JT,
United Kingdom

(51) INT CL⁴
B65D 85/671

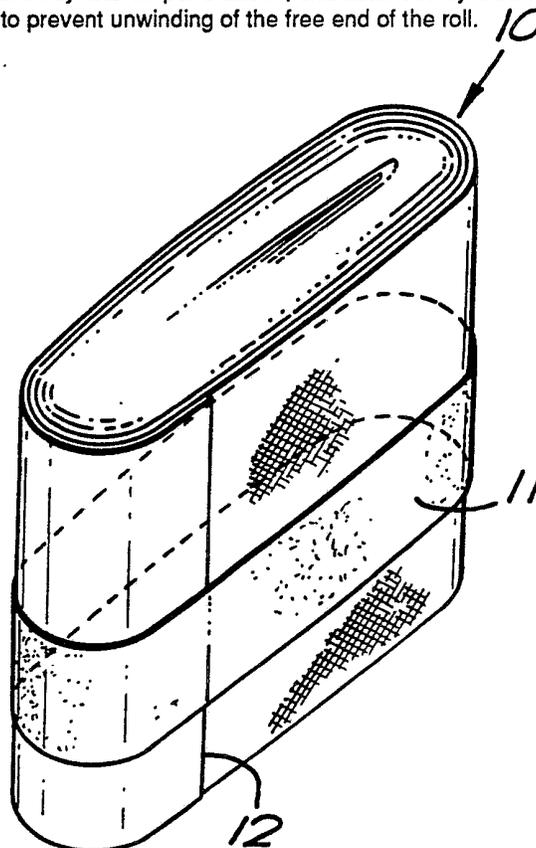
(52) UK CL (Edition J)
B8C CBT5
U1S S1585 S1597

(56) Documents cited
GB 2143197 A GB 2126188 A GB 2095203 A
GB 0814197 A GB 0401960 A GB 0372262 A
GB 0324334 A EP 0195755 A2 US 4109443 A

(58) Field of search
UK CL (Edition J) B8C CBA1 CBA2 CBPT CBS1
CBS2 CBS3 CBS4 CBT1 CBT2 CBT3 CBT4 CBT5
CBX CPA CWA1 CWPT1 CWS6 CWT1 CWT2
CWX, B8M MHC MHD
INT CL⁴ B65D

(54) A roll of cloth or a stack of cloths consisting of rolled-up cloths

(57) A roll comprising a rolled-up stack of cloths or rolled-up strip of cloths adapted to be accommodated in and withdrawn from a container having a withdrawal aperture, the cloths being preferably folded in the longitudinal direction or possibly being connected to one another in the longitudinal direction by tear-off perforations, characterised by a band, a loop of wire, a cord, a rubber ring or the like which encircles the roll to prevent unwinding of the free end of the roll.

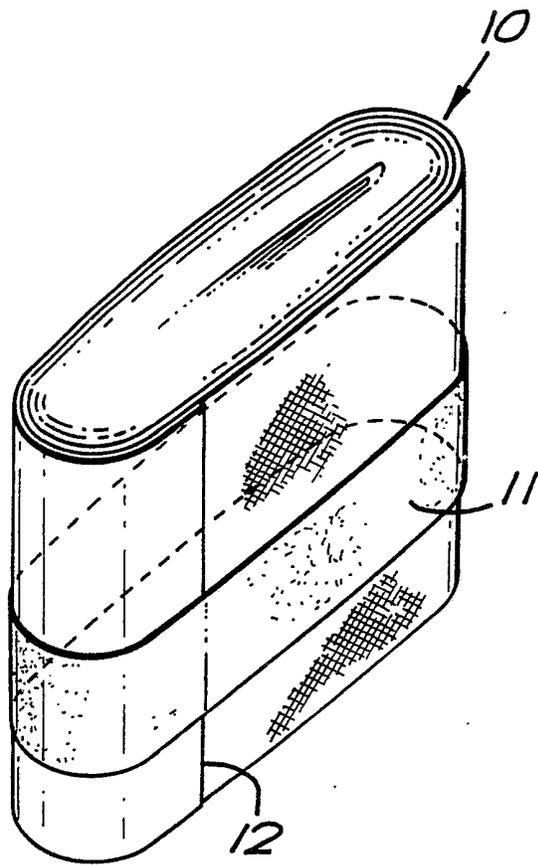


At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

GB 2 220 912 A

///

2220912



A roll of cloth or a stack of cloths
consisting of rolled-up cloths

The invention relates to a roll of cloth or a stack of cloths consisting of strip-like, rolled-up cloths adapted to be accommodated in and withdrawn from a container having a withdrawal aperture, the cloths being preferably folded in the longitudinal direction by tear-off perforations.

It is known for cloths to be rolled up endlessly in the form of a roll, the cloths being connected to one another by tear-off perforations. Such rolls are placed in a withdrawal container where they are possibly impregnated with a moistening lotion and are therefore available to the user, who can subsequently withdraw them one by one.

It is also usual to place cloths together and to roll them up in that condition. Thus, later on, a relatively broad cloth is available to the user, who can unfold it for use.

However, there are problems when it comes to transporting the individual rolls of cloth produced by the paper manufacturer in such a way that they can be readily inserted into the withdrawal container. Inserting such rolls of cloths is difficult because the loose ends become detached.

The invention is concerned with the problem of facilitating insertion of the rolls of cloth of the type mentioned at the outset into the containers provided, and particularly of ensuring that no creases, twists or the like are caused when the roll of cloth is placed in the container.

This is achieved by the features indicated in Claim 1.

A possible fixing means would be some kind of band passed around the roll, making it impossible for the free end of the roll of cloth to become unwound.

The band can either be of annular form or may be made up from an endless strip to produce a band, in that the ends of the band are joined. It is possible here to use a welding process if the material of the band is weldable. Adhesive joints or electrical charges are also feasible. Glueing can only be used if the glue is compatible with the lotion used for impregnating the cloths.

Possible materials for the band are synthetic plastics, for example also a fleece material.

The invention is explained by way of example hereinafter, with reference to the drawing.

The drawing shows a perspective view of a roll of cloths according to the invention.

The drawing shows a roll of cloths 10 formed by rolling up a strip. The roll has a flat shape to correspond to the shape of the container which will subsequently be provided.

Reference numeral 11 denotes a band which surrounds the roll. 12 denotes the end of the roll 10 and it can be seen that, due to the band 11, the loose end 12 of the roll 10 does not protrude. It can be seen that it is a simple matter

to introduce the roll of cloths 10 into a container;
for instance, mechanical equipment can also be used for the
process.

CLAIMS:

1. A roll of cloth or a stack of cloths consisting of strip-like, rolled-up cloths adapted to be accommodated in and withdrawn from a container having a withdrawal aperture, the cloths being preferably folded in the longitudinal direction or possibly being connected to one another in the longitudinal direction by tear-off perforations, characterised by a band (11), a loop of wire, a cord, a rubber ring or the like which is passed around the roll of cloth (10).

2. A roll of cloth or stack of cloths substantially as described herein and as illustrated in the accompanying drawings.