

Title (en)
LARGE PACKAGE AND METHOD FOR ITS MANUFACTURE

Publication
EP 0152927 A3 19851016 (DE)

Application
EP 85101678 A 19850215

Priority
DE 3406377 A 19840222

Abstract (en)
[origin: EP0152927A2] 1. Process for the manufacture of a bulk package (19) which can be stacked automatically on pallets, for a plurality of goods (23) combined to form packs (5), in particular light-weight goods, such as paper handkerchiefs and rolls of paper kitchen towels, wherein at least two of the light-weight goods (23) are combined to form a pack (5) and at least four packs (5) from a bulk package (19) which is covered in partial areas by a continuous sheet material (1), wherein the sheet material (1) is conveyed to a packing station, a predetermined number of packs (5) are placed thereon and the sheet material (1) is moulded into a U-shaped casing (4), the region of the sides (6) of the U-shaped casing (4) protruding above the packs (5) are folded down over the packs (5) and the U-shaped casing (4) is folded in and secured, characterized in that a row (14) of packs (5) which are to be combined to form one bulk package (19) is disposed transversely on the continuously fed sheet material (1), this is folded parallel to its direction of feed to form a U-shaped casing (4) in such a manner that its sides (6) protrude above the height of the packs (5), the end faces are folded in and secured and the protruding area of the sides (6) is turned down over the first and last pack (5) of the row (14), wherein the width of the roll of material (2) is so chosen that after the sides (6) have been turned down they form an edge strip (12) which covers the thickness (13) of the first and last pack (5) by at least 40 % and up to a maximum of 90 %.

IPC 1-7
B65B 9/06; **B65D 71/00**

IPC 8 full level
B65B 9/06 (2006.01); **B65B 9/073** (2012.01); **B65D 71/00** (2006.01); **B65D 71/06** (2006.01); **B65D 75/38** (2006.01); **B65D 85/07** (2017.01)

CPC (source: EP)
B65B 9/073 (2013.01); **B65B 25/145** (2013.01); **B65B 25/146** (2013.01); **B65D 71/063** (2013.01); **B65D 75/38** (2013.01); **B65D 85/07** (2017.12); **B65D 2203/08** (2013.01)

Citation (search report)

- [X] US 3336727 A 19670822 - LATTKE HORST G
- [A] GB 1309861 A 19730314 - DU PONT
- [Y] US 2895601 A 19590721 - KRUKONIS ALEXANDER C
- [A] US 3071244 A 19630101 - DORAN DONALD P
- [A] US 3833116 A 19740903 - HOWE W

Cited by
FR2581624A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0152927 A2 19850828; **EP 0152927 A3 19851016**; **EP 0152927 B1 19880406**; AT E33367 T1 19880415; DE 3406377 A1 19850822; DE 3562075 D1 19880511; DK 157797 B 19900219; DK 157797 C 19900910; DK 82885 A 19850823; DK 82885 D0 19850222

DOCDB simple family (application)
EP 85101678 A 19850215; AT 85101678 T 19850215; DE 3406377 A 19840222; DE 3562075 T 19850215; DK 82885 A 19850222