

Title (en)

Process for manufacturing a modular pallet and the modular pallet made therewith

Title (de)

Verfahren zur Herstellung einer modularen Palette und damit hergestellte modulare Palette

Title (fr)

Processus de fabrication d'une palette modulaire et palette modulaire fabriquée

Publication

EP 1997739 A1 20081203 (EN)

Application

EP 08380153 A 20080514

Priority

AR P070102377 A 20070601

Abstract (en)

Process for manufacturing a modular pallet, of the type stamped in corrugated cardboard, comprising the steps of: (a) stamping of the corrugated cardboard sheet templates with their waves located perpendicular or parallel to the folding lines, wherein the templates correspond to long and short studs forming the supporting frame of the base cover; (b) folding the template 90° along the double lines of minor strength -6-; (c) folding 180° towards inside both ends of the template along the minor strength lines -5-; (d) folding along the remaining double line -6- of minor strength; (e) folding back the already folded regions over the remaining central plane; (f) completing the definite folding along the central minor strength double line -7- to finish the long stud, wherein all folds are being bound by an adhesive, preferably selected between hot melt adhesive or vinyl adhesive; g) embedding and binding both short and long studs in the amount required for forming the base frame; and (h) adhering the base cover. The invention also relates to the modular pallet made with the process.

IPC 8 full level

B65D 19/34 (2006.01)

CPC (source: EP US)

B65D 19/0028 (2013.01 - EP US); **B65D 2519/00019** (2013.01 - EP US); **B65D 2519/00054** (2013.01 - EP US);
B65D 2519/00273 (2013.01 - EP US); **B65D 2519/00288** (2013.01 - EP US); **B65D 2519/00323** (2013.01 - EP US);
B65D 2519/00338 (2013.01 - EP US); **B65D 2519/00348** (2013.01 - EP US); **B65D 2519/00412** (2013.01 - EP US);
B65D 2519/00562 (2013.01 - EP US)

Citation (applicant)

- AR 225922 A1 19820514 - CHRISTAENS A SA [BE]
- AR 249677 A1
- AR 250012 A1
- AR 250078 A1
- AR 250384 A1

Citation (search report)

- [X] EP 0544414 A1 19930602 - GAYLORD CONTAINER CORP [US]
- [X] US 4979446 A 19901225 - WINEBARGER KEN N [US]
- [X] US 5487345 A 19960130 - WINEBARGER KEN N [US], et al
- [X] US 5461988 A 19951031 - CUMMINGS KASEY H [US], et al

Citation (examination)

US 5365857 A 19941122 - KILPATRICK TED D [US], et al

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1997739 A1 20081203; AR 061159 A1 20080806; BR PI0801467 A2 20110531; PE 20090138 A1 20090211; US 2008295747 A1 20081204; UY 31110 A1 20081128

DOCDB simple family (application)

EP 08380153 A 20080514; AR P070102377 A 20070601; BR PI0801467 A 20080513; PE 2008000923 A 20080530; US 12706208 A 20080527; UY 31110 A 20080529