

Title (en)

Package made of a semi-rigid material such as cardboard to receive a plurality of cylindrical objects.

Title (de)

Verpackung aus einem halbsteifen Material, wie Karton, zur Aufnahme einer Vielzahl von zylindrischen Gegenständen.

Title (fr)

Emballage en une matière semi-rigide telle que le carton pour le conditionnement d'un lot d'objets à axe de révolution.

Publication

**EP 0066029 A1 19821208 (FR)**

Application

**EP 81400984 A 19810619**

Priority

FR 8110119 A 19810521

Abstract (en)

1. Package made of a semi rigid material such as cardboard to receive a plurality of cylindrical objects, this package comprising a bottom (1), side walls (2, 3, 9) perpendicular to the bottom, an upper part (6) parallel to the bottom and possibly sloping parts (4, 11) joining this upper part to the side walls, one (9) at least of the side walls being integral with rounded parts (2a, 3a) having substantially the form of the packed objects (7) and being joined to the contiguous walls (2, 3), a handle (13) being cut out from this wall (9), this packing being characterized in that said handle is cut out in the direction substantially perpendicular to the axes of said objects and that, on said handle (13), is bonded a strengthening strip (14) whose ends are also bonded to the adjacent parts of said wall (9) and a portion at least of the rounded part (2a, 3a) joining this wall to the contiguous walls (2, 3).

Abstract (fr)

Au moins une paroi 9 de cet emballage est solidaire de parties arrondies 2a attenantes aux parois contiguës 2 et épousant la forme des objets 7. Dans cette paroi 9 est découpée une poignée 13, sur laquelle est contrecollée une bande de renfort 14. La poignée 13 et la bande de renfort 14 forment un élément de préhension.

IPC 1-7

**B65D 71/00**; **B65D 5/46**

IPC 8 full level

**B65D 5/46** (2006.01); **B65D 71/00** (2006.01); **B65D 71/36** (2006.01)

CPC (source: EP)

**B65D 5/46016** (2013.01); **B65D 71/36** (2013.01); **B65D 2571/00141** (2013.01); **B65D 2571/00277** (2013.01); **B65D 2571/0045** (2013.01); **B65D 2571/00574** (2013.01); **B65D 2571/0066** (2013.01); **B65D 2571/00728** (2013.01); **B65D 2571/00814** (2013.01)

Citation (search report)

- [Y] FR 2196630 A5 19740315 - MEAD CORP [US]
- [Y] CH 536757 A 19730515 - ZEILER AG [CH]
- [Y] US 3101886 A 19630827 - RING JACK A

Cited by

FR2681838A1; US4715493A; DE3627564A1; US7337942B2; FR2591563A1; GB2235433A; GB2235433B; EP0235062A1; FR2593779A1; US5538133A; EP0232670A1; US10611537B2; US7568612B2; WO2007150023A1; US10322844B2; US11413841B2; US7918384B2; US10322845B2; US11124329B2; US9718246B2; US10513369B2; US10124947B2; US10214334B2; US10549875B2; US10562687B2; US10029837B2; US10207848B2; US10875693B2; US11760549B2; WO2020044020A1; EP4248784A2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL

DOCDB simple family (publication)

**EP 0066029 A1 19821208**; **EP 0066029 B1 19841114**; AT E10264 T1 19841115; DE 3167176 D1 19841220; ES 259528 U 19820116; ES 259528 Y 19820701; FR 2506262 A1 19821126; FR 2506262 B3 19840330

DOCDB simple family (application)

**EP 81400984 A 19810619**; AT 81400984 T 19810619; DE 3167176 T 19810619; ES 259528 U 19810716; FR 8110119 A 19810521