

Title (en)

Folded structure and blank therefor

Title (de)

Gefaltete Struktur und Zuschnitt hierfür

Title (fr)

Structure pliable et sa découpe de carton

Publication

EP 1205389 A3 20040407 (EN)

Application

EP 01309318 A 20011102

Priority

GB 0026897 A 20001103

Abstract (en)

[origin: EP1205389A2] A blank 10 for a folded structure such as a liner for a carton comprising base portion 12, front and back portions 14, 16, side portions 18, 20 and a lid portion 22. The material for the blank is a layered material comprising upper and lower layers bonded to an inner layer having a plurality of non-linear flutes. Fold lines 15, 17, 19, 21 and 23 are formed in order for the blank to be folded to form a box-like 3-dimensional shape. The inner layer has a plurality of non-linear flutes, for example wavy flutes 30 such that any fold lines do not run along the flute, rather it repeatedly intersects it at an angle along the length of the liner. <IMAGE>

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B65D 5/56 (2013.01); B65D 65/403 (2013.01)

Citation (search report)

- [X] US 5568877 A 19961029 - RENCH FREDERICK A [US]
- [X] FR 2431917 A1 19800222 - GALL JEAN LE
- [A] JP S62184848 A 19870813 - ICHIKAWA HIROO
- [A] GB 304553 A 19290124 - ALEXANDER JOHN FERGUSON
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)

Cited by

DE10204972A1; WO2004101268A1

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