

Title (en)

Lined articles having sealed corners and blank for forming such articles

Title (de)

Kaschierter Gegenstand mit abgedichteten Ecken und Zuschnitt zur Herstellung desselben

Title (fr)

Article revêtu avec des coins étanches et un flan pour former un tel article

Publication

**EP 0796799 A1 19970924 (EN)**

Application

**EP 97301795 A 19970318**

Priority

GB 9605631 A 19960318

Abstract (en)

A blank for forming an article such as a carton is formed from a plural layer sheet material, one of whose layers can function as a liner. The liner is arranged to seal at the corners of the article, when the article is formed. To allow the blank to be folded, the liner is arranged to delaminate from the remainder of the material by means of cuts (14 to 17) which extend only through the liner layer but not the remainder of the material, and cuts (18 to 21) which extend through the remainder of the material but not the liner layer. The initial delamination can be controlled more accurately by offsetting the hinge lines (40 to 43) between body panels from the cuts (18 to 21) which define the end closure flaps. The delaminated liner is incorporated in the corner to seal it when the article is erected. The blank may be for forming a carton with all corners sealed. The material may be a laminate of cardboard, paperboard and the like and a layer of liner material, and the liner may be formed from a plastics film, such as polyethylene. <IMAGE>

IPC 1-7

**B65D 5/56**

IPC 8 full level

**B65D 5/42** (2006.01); **B65D 5/56** (2006.01)

CPC (source: EP)

**B65D 5/4279** (2013.01); **B65D 5/563** (2013.01)

Citation (search report)

- [XY] GB 1378742 A 19741227 - BOXFOLDIA LTD
- [XA] US 3261536 A 19660719 - BIXLER KENNETH D
- [Y] US 3877630 A 19750415 - SILVER STANLEY M

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0796799 A1 19970924**; GB 9605631 D0 19960522

DOCDB simple family (application)

**EP 97301795 A 19970318**; GB 9605631 A 19960318