

Title (en)

CARTON WITH RETENTION MEANS FOR BOTTLES

Title (de)

KARTON MIT HALTEMITTELN FÜR FLASCHEN

Title (fr)

CARTON AVEC MOYEN DE RÉTENTION POUR BOUTEILLES

Publication

EP 1773680 B1 20080709 (EN)

Application

EP 05749549 A 20050513

Priority

- US 2005017091 W 20050513
- GB 0410810 A 20040514

Abstract (en)

[origin: WO2005113369A1] An aperture 10,110 created in a sheet of foldable material for use in cartons and carton blanks, and especially in article carriers of the top-gripping style. The aperture is designed to hold articles such as bottles 30 securely. This is achieved by arranging around the circumference of an aperture 14,114 two series of tabs a major series 24,124 and a minor series 26,126; the minor series being struck from the major series. The two series of tabs can engage the bottle at two different elevations relative to the plane of the sheet of foldable material.

IPC 8 full level

B65D 71/40 (2006.01); **B65D 71/42** (2006.01); **B65D 71/46** (2006.01)

CPC (source: EP)

B65D 71/40 (2013.01); **B65D 71/42** (2013.01); **B65D 71/46** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005113369 A1 20051201; AR 048849 A1 20060531; AT E400513 T1 20080715; DE 602005008068 D1 20080821; DK 1773680 T3 20081110; EP 1773680 A1 20070418; EP 1773680 B1 20080709; ES 2310831 T3 20090116; GB 0410810 D0 20040616; PL 1773680 T3 20090227; PT 1773680 E 20080923; SI 1773680 T1 20081231; TW 200540078 A 20051216

DOCDB simple family (application)

US 2005017091 W 20050513; AR P050101985 A 20050513; AT 05749549 T 20050513; DE 602005008068 T 20050513; DK 05749549 T 20050513; EP 05749549 A 20050513; ES 05749549 T 20050513; GB 0410810 A 20040514; PL 05749549 T 20050513; PT 05749549 T 20050513; SI 200530412 T 20050513; TW 94115076 A 20050510