

Title (en)  
CARTON AND CARTON BLANK

Title (de)  
KARTON UND KARTONZUSCHNITT

Title (fr)  
CARTON ET ÉBAUCHE DE CARTON

Publication  
**EP 2176136 A1 20100421 (EN)**

Application  
**EP 08797965 A 20080815**

Priority  
• US 2008073284 W 20080815  
• GB 0715917 A 20070815

Abstract (en)  
[origin: WO2009023822A1] A carton (50) of the top gripping type for receiving and retaining a group of cylindrical articles (C) said carton comprising a main panel (16) comprising apertures (22a, 22b, 22c, 22d, 22e, 22f) each for receiving and retaining an upper portion of a cylindrical article (C) wherein said apertures comprise a pair of opposing curved sections (80, 82) for forming curved edges of said main panel to engage with curved portions of a cylindrical article, said aperture also comprising at least one U-shaped section (84, 86), said U-shaped section being struck at least in part from a first portion (24a, 24b) of said main panel, said first portion of said main panel being foldable such that edges of said U-shaped section is engageable with an article receivable in said aperture, the carton further comprising an end retention structure (90a,90b) for retaining end most articles in a group of article within the carton.

IPC 8 full level  
**B65D 71/42** (2006.01)

CPC (source: EP KR)  
**B65D 71/38** (2013.01 - KR); **B65D 71/42** (2013.01 - EP KR); **B65D 2571/0029** (2013.01 - EP); **B65D 2571/0066** (2013.01 - EP);  
**B65D 2571/00722** (2013.01 - EP)

Citation (search report)  
See references of WO 2009023822A1

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)  
**WO 2009023822 A1 20090219**; AR 070645 A1 20100428; AU 2008286738 A1 20090219; CL 2008002438 A1 20090508;  
CN 101815656 A 20100825; EP 2176136 A1 20100421; GB 0715917 D0 20070926; JP 2010536668 A 20101202; KR 20100068338 A 20100623;  
RU 2010109406 A 20110920; RU 2497736 C2 20131110

DOCDB simple family (application)  
**US 2008073284 W 20080815**; AR P080103590 A 20080815; AU 2008286738 A 20080815; CL 2008002438 A 20080818;  
CN 200880103445 A 20080815; EP 08797965 A 20080815; GB 0715917 A 20070815; JP 2010521195 A 20080815;  
KR 20097027285 A 20080815; RU 2010109406 A 20080815