

Title (en)
CARTON AND CARTON BLANK WITH REINFORCED HANDLE STRUCTURE

Title (de)
KARTON UND KARTONZUSCHNITT MIT VERSTÄRKTER GRIFFSTRUKTUR

Title (fr)
CARTON ET EBAUCHE DE CARTON A STRUCTURE DE POIGNEE RENFORCEE

Publication
EP 1751013 A2 20070214 (EN)

Application
EP 05736095 A 20050408

Priority
• US 2005012131 W 20050408
• GB 0408052 A 20040408

Abstract (en)
[origin: WO2005100174A2] A carton includes an open top container (10) and a separate top closure (20) and is provided with at least one reinforced handle. The or each reinforced handle is provided in part by the open top container (10) and in part by the top closure (20).

IPC 8 full level
B65D 5/46 (2006.01); **B65D 5/14** (2006.01); **B65D 5/468** (2006.01); **B65D 5/50** (2006.01); **B65D 71/00** (2006.01); **B65D 71/38** (2006.01)

CPC (source: EP US)
B65D 5/14 (2013.01 - EP US); **B65D 5/4608** (2013.01 - EP US); **B65D 5/5038** (2013.01 - EP US); **B65D 71/38** (2013.01 - EP US);
B65D 2571/00141 (2013.01 - EP US); **B65D 2571/0029** (2013.01 - EP US); **B65D 2571/0045** (2013.01 - EP US);
B65D 2571/00524 (2013.01 - EP US); **B65D 2571/00574** (2013.01 - EP US); **B65D 2571/00666** (2013.01 - EP US);
B65D 2571/00728 (2013.01 - EP US); **B65D 2571/00796** (2013.01 - EP US)

Citation (search report)
See references of WO 2005100174A2

Citation (examination)
• US 4046309 A 19770906 - POGGIALI LEWIS D
• US 4470503 A 19840911 - STONE ORISON W [US]
• US 2597847 A 19520527 - REESER HARRY C

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 2005100174 A2 20051027; **WO 2005100174 A3 20060119**; AU 2005233155 A1 20051027; CA 2563292 A1 20051027;
CN 100556765 C 20091104; CN 1980835 A 20070613; EP 1751013 A2 20070214; GB 0408052 D0 20040512; JP 2007532420 A 20071115;
MX PA06011635 A 20070619; NZ 551121 A 20110128; US 2008257943 A1 20081023

DOCDB simple family (application)
US 2005012131 W 20050408; AU 2005233155 A 20050408; CA 2563292 A 20050408; CN 200580018250 A 20050408;
EP 05736095 A 20050408; GB 0408052 A 20040408; JP 2007507555 A 20050408; MX PA06011635 A 20050408; NZ 55112105 A 20050408;
US 59978005 A 20050408