

Title (en)
RETURNABLE CARTON FOR BOTTLES AND BLANK THEREFORE

Title (de)
RÜCKSENDEKARTON FÜR FLASCHEN UND ENTSPRECHENDER ZUSCHNITT

Title (fr)
CARTON RECUPERABLE POUR BOUTEILLES ET DECOUPE ASSOCIEE

Publication
EP 1631506 B1 20070307 (EN)

Application
EP 04755094 A 20040610

Priority

- US 2004018721 W 20040610
- GB 0313341 A 20030610

Abstract (en)
[origin: WO2004110894A1] A carton for returnable containers, such as bottles, includes at least a top wall panel (20, 120), a bottom wall panel (12, 28; 112, 128) and a pair of side wall panels (16, 18, 22, 24; 116, 118, 122, 124), connecting together the top and bottom wall panels, to form a tubular structure in which a plurality of containers (A, AA) can be accommodated in a unit. One of the wall panels is formed with a tearaway strip (34, 134) the removal of which separates that panel into two detached portions (16, 18; 116, 118) and which allows the carton to be separated entirely from its contents. Detached portion-reconnecting means comprises a hinged flap (66, 166) which is partially detachable from a wall panel adjacent one edge (36, 138) of the tearaway strip and foldable into overlapping relationship with a wall panel adjacent an opposite edge (38, 136) of the tearaway strip. Complementary locking means (70, 76; 170, 176) are provided by the hinged flap and the wall panel adjacent the opposite edge of the tearaway strip to connect together the adjacent wall panels after removal of the tearaway strip in order to reconstruct the carton.

IPC 8 full level
B65D 71/00 (2006.01); **B65D 71/34** (2006.01)

CPC (source: EP)
B65D 71/34 (2013.01); **B65D 2209/00** (2013.01); **B65D 2571/00185** (2013.01); **B65D 2571/00277** (2013.01); **B65D 2571/00444** (2013.01); **B65D 2571/00469** (2013.01); **B65D 2571/00543** (2013.01); **B65D 2571/00567** (2013.01); **B65D 2571/00592** (2013.01); **B65D 2571/0066** (2013.01); **B65D 2571/00716** (2013.01); **B65D 2571/00728** (2013.01); **B65D 2571/00858** (2013.01); **B65D 2571/0087** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
WO 2004110894 A1 20041223; AT E356047 T1 20070315; CA 2527345 A1 20041223; DE 602004005191 D1 20070419; DE 602004005191 T2 20071108; DK 1631506 T3 20070702; EP 1631506 A1 20060308; EP 1631506 B1 20070307; GB 0313341 D0 20030716

DOCDB simple family (application)
US 2004018721 W 20040610; AT 04755094 T 20040610; CA 2527345 A 20040610; DE 602004005191 T 20040610; DK 04755094 T 20040610; EP 04755094 A 20040610; GB 0313341 A 20030610