

Title (en)

CARTON CONVERTIBLE INTO COMPARTMENTED CONTAINER

Title (de)

KARTONSCHACHTEL UMBAUBAR IN EINEN ZWEIKAMMERBEHÄLTER

Title (fr)

CARTON CONVERTIBLE EN CONTENANT COMPARTIMENTE

Publication

EP 1390273 A1 20040225 (EN)

Application

EP 02729229 A 20020516

Priority

- US 0215557 W 20020516
- US 86084301 A 20010518

Abstract (en)

[origin: US2002170845A1] A carton has a tubular structure that is separable along a circumferential region of the carton into compartments joined by a hinge member having spaced-apart lateral edges. In one embodiment, the hinge member is substantially elliptical. In another embodiment, an aperture is formed in the hinge member for lifting the carton.

IPC 1-7

B65D 71/00

IPC 8 full level

B65D 5/462 (2006.01); **B65D 5/54** (2006.01); **B65D 71/00** (2006.01); **B65D 71/36** (2006.01); **B65D 77/00** (2006.01)

CPC (source: EP US)

B65D 5/542 (2013.01 - EP US); **B65D 71/36** (2013.01 - EP US); **B65D 2571/00141** (2013.01 - EP US); **B65D 2571/00444** (2013.01 - EP US); **B65D 2571/00567** (2013.01 - EP US); **B65D 2571/0066** (2013.01 - EP US); **B65D 2571/00722** (2013.01 - EP US)

Citation (search report)

See references of WO 02094677A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2002170845 A1 20021121; AT E310682 T1 20051215; CA 2447664 A1 20021128; CA 2447664 C 20080325; DE 60207551 D1 20051229; DE 60207551 T2 20060720; DK 1390273 T3 20060403; EP 1390273 A1 20040225; EP 1390273 B1 20051123; ES 2251590 T3 20060501; JP 2004525835 A 20040826; MX PA03010546 A 20040527; WO 02094677 A1 20021128

DOCDB simple family (application)

US 86084301 A 20010518; AT 02729229 T 20020516; CA 2447664 A 20020516; DE 60207551 T 20020516; DK 02729229 T 20020516; EP 02729229 A 20020516; ES 02729229 T 20020516; JP 2002591360 A 20020516; MX PA03010546 A 20020516; US 0215557 W 20020516