

Title (en)

Carton blank comprising keel elements

Title (de)

Verpackungszuschnitt mit kielförmigen Abstandshaltern

Title (fr)

Emballage en carton contenant des structures d'écatement et de maintient

Publication

EP 0668835 B1 19980204 (EN)

Application

EP 94908398 A 19931122

Priority

- GB 9302402 W 19931122
- GB 9224412 A 19921120
- GB 9316028 A 19930803

Abstract (en)

[origin: WO9412403A1] A keel structure in a wraparound carton comprises a number of keel elements (K) which separate one row of containers from another row within the carton. Each keel element has spaced upstanding panels (P, 32; Pa, 32a) against which containers held in the carton abut. Each of the upstanding panels is spaced from the other by a platform (P1, P1a) defined by curved edges (C, C1; Ca, C1a) extending towards one another permitting adjacent portions of each of said upstanding panel means to be flexed inwardly toward the other to receive a wall portion of an adjacent container.

IPC 1-7

B65D 71/00

IPC 8 full level

B65D 71/12 (2006.01); **B65D 71/00** (2006.01); **B65D 71/18** (2006.01)

CPC (source: EP)

B65D 71/18 (2013.01); **B65D 2571/00185** (2013.01); **B65D 2571/00277** (2013.01); **B65D 2571/00302** (2013.01); **B65D 2571/00339** (2013.01); **B65D 2571/00574** (2013.01); **B65D 2571/0066** (2013.01); **B65D 2571/00716** (2013.01); **B65D 2571/0087** (2013.01)

Cited by

CN103826987A; WO2014170282A1; US9139336B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9412403 A1 19940609; AT E162993 T1 19980215; AU 6145194 A 19940622; AU 694727 B2 19980730; BR 9307494 A 19990601; CZ 128195 A3 19951213; CZ 288538 B6 20010711; DE 69316912 D1 19980312; DE 69316912 T2 19980618; DK 0668835 T3 19980302; EP 0668835 A1 19950830; EP 0668835 B1 19980204; ES 2111912 T3 19980316; GR 3026345 T3 19980630; HU 219761 B 20010730; HU 9501445 D0 19950628; HU T71787 A 19960228; JP 3370332 B2 20030127; JP H08503437 A 19960416; MA 23035 A1 19940701; NZ 262139 A 19960625; PL 174104 B1 19980630; PL 308766 A1 19950821; SG 48982 A1 19980518; SK 282034 B6 20011008; SK 68095 A3 19960508

DOCDB simple family (application)

GB 9302402 W 19931122; AT 94908398 T 19931122; AU 6145194 A 19931122; BR 9307494 A 19931122; CZ 128195 A 19931122; DE 69316912 T 19931122; DK 94908398 T 19931122; EP 94908398 A 19931122; ES 94908398 T 19931122; GR 980400530 T 19980313; HU 9501445 A 19931122; JP 51289594 A 19931122; MA 23341 A 19931117; NZ 26213993 A 19931122; PL 30876693 A 19931122; SG 1996004812 A 19931122; SK 68095 A 19931122