

Title (en)

CARTON PANEL INTERLOCKING MEANS

Title (de)

VERRIEGELUNGSMITTEL FUER KARTONWÄNDE

Title (fr)

MOYENS DE VERROUILLAGE DE VOLETS DE CARTON

Publication

EP 1098822 B1 20030903 (EN)

Application

EP 99933591 A 19990628

Priority

- GB 9814407 A 19980703
- US 9914600 W 19990628

Abstract (en)

[origin: WO0001591A1] Panel interlocking means (20) and a carton blank incorporating panel interlocking means for securing together a first and a second panel (10, 12) in overlapping relationship, said panel interlocking means (20) comprising a locking tab (22) struck from said first panel (10), and a retaining tab (42) defining a locking aperture (43) struck from said second panel (12), wherein the retaining tab (42) is displaced out of the plane of said second panel (12) to receive said locking tab (22) through the locking aperture (43) to be engaged therewith, wherein the second panel (10, 12) further comprises flexural means (52) to receive the locking tab (22) and to enable an edge of the locking aperture (43) to be displaced out of the plane of the second panel (12) thereby to enable the locking tab (22) to move readily through said locking aperture (43).

IPC 1-7

B65D 71/00

IPC 8 full level

B65D 71/00 (2006.01); **B65D 71/20** (2006.01)

CPC (source: EP)

B65D 71/20 (2013.01); **B65D 2571/00185** (2013.01); **B65D 2571/00277** (2013.01); **B65D 2571/0066** (2013.01); **B65D 2571/00716** (2013.01)

Cited by

CN113631486A; US10099833B2; WO2015171376A1; WO2020167578A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0001591 A1 20000113; AT E248759 T1 20030915; AU 4961799 A 20000124; BR 9911827 A 20010327; BR 9911827 B1 20090505; DE 69911031 D1 20031009; DE 69911031 T2 20040708; DK 1098822 T3 20031222; EP 1098822 A1 20010516; EP 1098822 B1 20030903; ES 2207257 T3 20040516; GB 9814407 D0 19980902; PT 1098822 E 20031231; SE 1098822 T3 20031223; SE 1098822 T5 20040302

DOCDB simple family (application)

US 9914600 W 19990628; AT 99933591 T 19990628; AU 4961799 A 19990628; BR 9911827 A 19990628; DE 69911031 T 19990628; DK 99933591 T 19990628; EP 99933591 A 19990628; ES 99933591 T 19990628; GB 9814407 A 19980703; PT 99933591 T 19990628; SE 99933591 T 19990628