

Title (en)  
PANEL INTERLOCKING MEANS

Publication  
**EP 0150117 A3 19870121 (EN)**

Application  
**EP 85300366 A 19850118**

Priority  
• GB 8401610 A 19840120  
• GB 8430697 A 19841205

Abstract (en)  
[origin: EP0150117A2] An arrangement for securing together a pair of pan (10, 12) comprising a locking tab (14) projecting from an end edge (16) of one of the panels (10) and a locking slit (28) provided adjacent an end edge (12a) of the other of the panels (12), the locking tab and the locking slit being interengaged by relative sliding movement therebetween. The locking tab includes an anchoring tab (20) hinged to one side edge of a main portion (18) of the locking tab and the locking tab sized for insertion into the locking slit when the anchoring tab has been folded into overlapping relationship with the main portion of the tab. The locking slit is formed so as to provide an abutment edge (38) which is engaged by a trailing edge (24) of the anchoring tab when the locking tab has been inserted into the locking slit, the arrangement being such that the engagement is effective to maintain the panels locked together either when the anchoring tab remains in its folded overlapping relationship with respect to the main portion or when the anchoring tab moves out of said overlapping relationship into a more upright attitude.  
[origin: EP0150117A2] The securing arrangement includes a locking tab (14) and a locking slit (28) provided on adjacent edge edges (16,12a) of respective panels (10,12) to be joined. The locking slit provides an abutment edge (38) which is engaged by a trailing edge (24) of the locking tab after insertion. The trailing edge is provided on an anchoring tab portion (20) of the locking tab. The panels are locked together either when the anchoring tab portion is folded or moves out of the folded, overlapping relationship with the locking tab.

IPC 1-7  
**B65D 71/00**

IPC 8 full level  
**B65D 71/00** (2006.01); **B65D 71/12** (2006.01)

CPC (source: EP)  
**B65D 71/12** (2013.01); **B65D 2571/0016** (2013.01)

Citation (search report)  
• [X] FR 2447863 A1 19800829 - NORMANDE CARTON ONDULE  
• [AD] US 3497924 A 19700303 - LOCK JOSEPH H  
• [A] EP 0016879 A1 19801015 - KLIKLOK CORP [US]  
• [A] FR 2418158 A1 19790921 - MEAD CORP [US]  
• [AD] US 3191845 A 19650629 - DANIEL WAINBERG

Cited by  
EP0371298A1; FR2639918A1; WO2006083941A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0150117 A2 19850731; EP 0150117 A3 19870121; EP 0150117 B1 19920930;** AT E160547 T1 19971215; AT E81094 T1 19921015; CY 1879 A 19960405; DE 3586686 D1 19921105; DE 3586686 T2 19930325; DE 3588170 D1 19980108; DE 3588170 T2 19980326; HK 129795 A 19950824; MY 102146 A 19920430

DOCDB simple family (application)  
**EP 85300366 A 19850118;** AT 85300366 T 19850118; AT 91202323 T 19850118; CY 187996 A 19960405; DE 3586686 T 19850118; DE 3588170 T 19850118; HK 129795 A 19950817; MY P119871478 A 19870828