

Title (en)
Delivery container

Title (de)
Zustellbehälter

Title (fr)
Récipient d'expédition

Publication
EP 0957037 A3 20000816 (DE)

Application
EP 99109443 A 19990511

Priority
DE 19822029 A 19980515

Abstract (en)
[origin: EP0957037A2] A plastics crate holds a consignment of e.g. books, mail order products or letters. The crate passes through a series of mainly automated mechanical handling stages en route to its destination. The crate has a base section (3) and a push-fit cover (2) which has internal locks preventing unwanted release. Access to the internal locks is via a sliding hatch (25) in the cover, which is held closed by a spring.

IPC 1-7
B65D 55/02

IPC 8 full level
B65D 1/22 (2006.01); **B65D 43/16** (2006.01); **B65D 43/22** (2006.01); **B65D 55/02** (2006.01); **B65D 55/12** (2006.01)

CPC (source: EP)
B65D 1/22 (2013.01); **B65D 43/164** (2013.01); **B65D 43/22** (2013.01); **B65D 55/12** (2013.01); **B65D 2251/1058** (2013.01)

Citation (search report)

- [X] US 5193707 A 19930316 - MIZUMURA SADAO [JP]
- [XA] DE 9201706 U1 19920611
- [A] US 3954179 A 19760504 - WARMATH JOHN G
- [A] US 3746206 A 19730717 - UTZ G
- [A] US 4615464 A 19861007 - BYRNS JAMES E [US]
- [A] EP 0257322 A1 19880302 - SCHMALE GMBH & CO KG
- [PX] US 5819971 A 19981013 - TSENG SEN PIAO [TW]

Cited by
WO2011085953A1; CN109937181A; CN110077693A; GB2482126A; GB2482126B; CN108974548A; US10807714B2; US10625899B2;
US10577156B2; WO2018089718A1; WO2018213002A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0957037 A2 19991117; EP 0957037 A3 20000816; EP 0957037 B1 20041124; AT E283209 T1 20041215; DE 19822029 A1 19991118;
DE 19822029 B4 20060216; DE 59911120 D1 20041230; DK 0957037 T3 20050404; ES 2234182 T3 20050616

DOCDB simple family (application)
EP 99109443 A 19990511; AT 99109443 T 19990511; DE 19822029 A 19980515; DE 59911120 T 19990511; DK 99109443 T 19990511;
ES 99109443 T 19990511