

Title (en)
Carrier stock and packaging with it.

Title (de)
Trage- und Verpackungsmittel.

Title (fr)
Dispositif de transport et d'emballage.

Publication
EP 0456361 B1 19950628 (EN)

Application
EP 91303430 A 19910417

Priority
US 51991790 A 19900507

Abstract (en)
[origin: EP0456361A2] Carrier stock (10) is formed from a single sheet of resilient polymeric material, such as low density polyethylene, for machine application to side walls of substantially identical containers (12). Integrally joined band segments (22,24,26,28,32,34,36,40) defining separate apertures (14) to receive the individual containers (12) include longitudinal (22,24), cross (32,34,36,40), and diagonal (26,28) segments. The diagonal segments (26,28) are joined together at generally X-shaped junctions (42). From each junction (42), the generally oblique segments of a first pair (26a,28a) are continuously curved toward the nearer edge of such stock (10) and the diagonal segments of a second pair (26b,28b) are substantially straight and tend toward the other edge of such stock. Each diagonal segment (26a, 28a) of the first pair at each junction has a progressively changing width, being wider at its end (48) joined at such junction (42) than at its other end (46). Each diagonal segment (26b,28b) of the second pair at each junction has a substantially uniform width. <IMAGE>

IPC 1-7
B65D 71/50; **B65D 71/00**

IPC 8 full level
B65B 11/00 (2006.01); **B65D 67/02** (2006.01); **B65D 71/50** (2006.01)

CPC (source: EP KR)
B65D 71/00 (2013.01 - KR); **B65D 71/504** (2013.01 - EP)

Cited by
WO2008027121A1; EP0456360A3; US9475629B2; EP2082970A1

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

DOCDB simple family (publication)
EP 0456361 A2 19911113; **EP 0456361 A3 19920902**; **EP 0456361 B1 19950628**; AT E124367 T1 19950715; AU 646029 B2 19940203; AU 7417691 A 19911107; BR 9101749 A 19911210; CA 2039754 A1 19911108; CA 2039754 C 19980922; CN 1020694 C 19930519; CN 1057617 A 19920108; DE 69110756 D1 19950803; DE 69110756 T2 19951116; DK 0456361 T3 19951030; ES 2074226 T3 19950901; FI 103272 B1 19990531; FI 103272 B 19990531; FI 912200 A0 19910507; FI 912200 A 19911108; GR 3017139 T3 19951130; IE 74857 B1 19970813; IE 911520 A1 19911120; JP 3038252 B2 20000508; JP H0769365 A 19950314; KR 100196591 B1 19990615; KR 910019866 A 19911219; NO 302610 B1 19980330; NO 911768 D0 19910506; NO 911768 L 19911108; NZ 237891 A 19921223; PT 97600 A 19930531; PT 97600 B 19981130

DOCDB simple family (application)
EP 91303430 A 19910417; AT 91303430 T 19910417; AU 7417691 A 19910409; BR 9101749 A 19910430; CA 2039754 A 19910404; CN 91102906 A 19910506; DE 69110756 T 19910417; DK 91303430 T 19910417; ES 91303430 T 19910417; FI 912200 A 19910507; GR 940402414 T 19950817; IE 152091 A 19910506; JP 12655891 A 19910501; KR 910007174 A 19910503; NO 911768 A 19910506; NZ 23789191 A 19910419; PT 9760091 A 19910507