

Title (en)

SHIPPING PACKAGE CONTAINING COILED FASTENER PACKAGES

Publication

**EP 0180341 B1 19890405 (EN)**

Application

**EP 85307053 A 19851002**

Priority

US 66147584 A 19841016

Abstract (en)

[origin: EP0180341A2] A shipping package comprising an exterior carton (12) having a rectangular bottom (22), sides (24) and top closure (26) defining an interior space. A bottom panel (16), a top panel (14), and usually at least one divider panel (18) are mounted within the interior space dividing the same into a plurality of tiered spaces. The construction of the panels is such that each tiered space is defined along its lower surface by an upwardly facing corrugated sheet and along its upper surface by a downwardly facing corrugated sheet. A plurality of coiled fastener packages (20) are mounted within each tiered space so that the fastener head defining end (44) thereof engages one of the corrugated sheets defining the same so as to collapse the engage corrugations thereof and the fastener point defining end (42) thereof engages the other of the corrugated sheets defining the same so as to penetrate the engaged corrugations thereof.

IPC 1-7

**B65D 85/24; B65D 5/50**

IPC 8 full level

**B65D 5/50** (2006.01); **B65D 85/24** (2006.01)

CPC (source: EP)

**B65D 85/24** (2013.01)

Cited by

EP0935969A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0180341 A2 19860507; EP 0180341 A3 19870401; EP 0180341 B1 19890405;** AT E41907 T1 19890415; AU 4824085 A 19860424;  
AU 583058 B2 19890420; CA 1262115 A 19891003; DE 3569224 D1 19890511; JP S61164976 A 19860725

DOCDB simple family (application)

**EP 85307053 A 19851002;** AT 85307053 T 19851002; AU 4824085 A 19851003; CA 492986 A 19851015; DE 3569224 T 19851002;  
JP 22797185 A 19851015