

Title (en)

Box having integral corner posts

Title (de)

Behälter mit integrierten Eckpfosten

Title (fr)

Caisse avec montants d'angle intégraux

Publication

EP 0790189 A1 19970820 (EN)

Application

EP 97300793 A 19970207

Priority

GB 9602929 A 19960213

Abstract (en)

A box formed from a cut and creased blank of foldable sheet board material, such as solid fibre board, has a corner construction allowing manual assembly, especially from a flat state. At each corner a side wall is hinged to a series of first (7), second (9) and third (11) hingedly connected panels. The first panel (7) is glued against the inside of the adjacent second side wall (5) which preferably has diagonal crease lines (104) extending from the corner so that the box can be shipped flat. On assembly, the side walls (3,5) are pulled upright, tabs (19,21) on the third panels (11) are engaged into slits in the first side walls (3), and the second (9) and third panels (11) pushed into the corner until they lock with the third panel (11) extending diagonally across the corner. <IMAGE>

IPC 1-7

B65D 5/00

IPC 8 full level

B65D 5/00 (2006.01)

CPC (source: EP)

B65D 5/0045 (2013.01)

Citation (applicant)

GB 9506287 A 19950328

Citation (search report)

- [Y] US 4056223 A 19771101 - WILLIAMS MICHAEL M
- [Y] EP 0538098 A1 19930421 - J3C SARL [FR]
- [Y] GB 2178730 A 19870218 - ST REGIS PACKAGING
- [A] NL 9202028 A 19940616 - SMURFIT LONA VERPAKKING BV

Cited by

US2013186948A1; US9126711B2

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0790189 A1 19970820; GB 2310197 A 19970820; GB 2310197 B 20000202; GB 9602929 D0 19960410

DOCDB simple family (application)

EP 97300793 A 19970207; GB 9602929 A 19960213