

Title (en)

Collapsible folded box with reinforced tubular corner structure.

Title (de)

Zusammenklapbare Faltschachtel mit verstärkter rohrförmiger Winkelkonstruktion.

Title (fr)

Boîte pliante repliable avec structure d'angle tubulaire renforcée.

Publication

**EP 0575004 A1 19931222 (EN)**

Application

**EP 93201721 A 19930617**

Priority

NL 9201068 A 19920617

Abstract (en)

A ready-to-use box that can be made from a blank by folding and adhesion, comprising a bottom surface (1) and upright longitudinal and transverse walls (2, 3) connected to the bottom surface by four fold lines (4, 5) bounding the bottom surface, whilst at the corners where upright walls (2, 3) meet, collapsible tubular corner support structures are formed, each tubular corner support structure comprising a corner support panel (10c) which, in the erected condition of the box, substantially extends from a first upright box wall (2) to the corresponding corner and terminates at a distance therefrom in a fold line (12b), from which fold line (12b) a second corner support panel (10b) extends to the adjacent second upright box wall (3), and a third corner support panel (10e) likewise extends from the first upright box wall (2), at an acute angle relative to the first corner support panel (10c), to the fold line (12b) between the first (10c) and the second corner support panel (10b). <IMAGE>

IPC 1-7

**B65D 5/00**; **B65D 5/36**

IPC 8 full level

**B65D 5/00** (2006.01); **B65D 5/36** (2006.01)

CPC (source: EP)

**B65D 5/0025** (2013.01); **B65D 5/365** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE CH DE ES FR GB GR IT LI LU NL PT

DOCDB simple family (publication)

**EP 0575004 A1 19931222**; NL 9201068 A 19940117

DOCDB simple family (application)

**EP 93201721 A 19930617**; NL 9201068 A 19920617