

Title (en)

Stackable cardboard package with reinforced corners.

Title (de)

Stapelbare Kiste aus Karton mit Eckstützen.

Title (fr)

Emballage de carton empilable avec les renforts d'angle.

Publication

EP 0485032 A1 19920513 (EN)

Application

EP 91202852 A 19911105

Priority

NL 9002403 A 19901105

Abstract (en)

A stackable packaging has corner-reinforcing members, comprising a box provided with a cardboard bottom (1) as well as cardboard side and end panels (4, 7), said end panels (7) of the blank being provided with two four-sided posts for reinforcing the corners of the packaging in the erected condition of the packaging, and a bridge (22) that is parallel to the bottom (1) in the erected condition of the packaging and covers the corner-reinforcing members, said bridge (22) of the blank being connected to two bridge strips (25, 26) that are fixed in the erected condition of the packaging to a side panel (4) as well as to one side (18) of the four sides of the corner-reinforcing member, while another side (21) of each corner-reinforcing member is connected to a related end panel (7), said bottom, panels, bridges and strips being connected to one another or separated from one another by foldlines. According to the invention the other two sides (19, 20) of the corner-reinforcing members are oversized, so that in the erected condition of the packaging they will be arranged by snap action in between the sides (18, 21) of the corner-reinforcing members, which are connected to the end panels (7) and the bridge strips (25, 26). <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 5/0045 (2013.01); **B65D 5/3642** (2013.01)

Citation (search report)

- [XP] EP 0453015 A2 19911023 - BUEHRMANN TETTERODE NEDERLAND [NL]
- [Y] EP 0394544 A1 19901031 - HOFFMANN GUENTER GMBH CO KG [DE]
- [Y] GB 2196608 A 19880505 - REED PACKAGING LTD
- [Y] FR 2548626 A1 19850111 - SALVADOR CASTILLO CARMEN [ES]
- [A] EP 0394549 A1 19901031 - HOFFMANN GUENTER GMBH CO KG [DE]
- [A] US 4056223 A 19771101 - WILLIAMS MICHAEL M
- [A] NL 9000063 A 19900402 - GELRIA CARTONNAGE

Cited by

EP1084957A1; CN105793163A; NL9202028A; ES2279690A1; FR2759061A1; ES2070675A2; ES2082715A2; EP0621192A1; NL9300676A; US9096340B1; JP2017206298A; US6270009B1; US9796498B2; US6712214B1; WO0174671A3; WO9920538A1

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