

Title (en)

Tightly sealed paper container with opening device

Title (de)

Abgedichteter Papierbehälter mit Öffnungsvorrichtung

Title (fr)

Récipient en papier étanche avec dispositif d'ouverture

Publication

EP 0755862 B1 20020213 (EN)

Application

EP 96305541 A 19960729

Priority

JP 19206195 A 19950727

Abstract (en)

[origin: EP0755862A2] A tightly sealed paper container with an opening device has a through hole (6) formed in top wall (7) of container body (1) formed of a material (2) laminated with thermoplastic resin layers (4, 5) on its inner and outer surfaces. Bottom board (8) of synthetic resin has a through hole (9) no larger than through hole (6) and is bonded to the outer surface of top wall (7) such that through hole (9) in bottom board (8) is positioned within through hole (6) in top wall (7). Top board (11) of synthetic resin has a projection (12) for coupling into through hole (9). Barrier film (14) covering through hole (6) and laminated on inner surface of top wall (7) is bonded to the circumference of through hole (6) and to the top surface of projection (12) coupled into through hole (9). Two notches (16, 17) are provided in bottom board (8) at the lower tip with a predetermined separation therebetween, allowing significant deformation of tip portion (18). When bottom board (8) is bonded to top wall (7), tip portion (18) between notches (16, 17) remains unbonded.

IPC 1-7

B65D 5/70

IPC 8 full level

B65D 5/74 (2006.01)

CPC (source: EP)

B65D 5/749 (2013.01)

Cited by

DE19635088C2; EP1352840A1; US7878353B2; US6845902B1; WO0125098A1

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