

Title (en)

Bag-in-box with automatic unfolding bottom and method of assembling the same.

Title (de)

Bag-in-Box mit automatisch auffaltbarem Boden und Verfahren zu dessen Herstellung.

Title (fr)

Caisse-outré à fond automatique et son procédé d'assemblage.

Publication

EP 0500428 A1 19920826 (FR)

Application

EP 92400397 A 19920214

Priority

FR 9101875 A 19910218

Abstract (en)

Bag-in-box with automatic unfolding bottom, made from corrugated cardboard, of the type in which a pouch (6) is held at the bottom of the box. An additional plate (5) on which the pouch (6) is fastened is fastened to a flap (32) of the automatic unfolding bottom of the box so that the bag-in-box is delivered flat and so that, on opening the box, the automatic unfolding bottom is covered by the additional plate (5). <IMAGE>

Abstract (fr)

Caisse-outré à fond automatique, en carton ondulé, du type dans lequel un sac (6) est maintenu au fond de la caisse. Une plaque additionnelle (5) sur laquelle est fixé le sac (6), est fixée à un rabat (32) du fond automatique de la caisse de sorte que la caisse-outré soit livrée à plat et que lors de l'ouverture de la caisse, le fond automatique soit recouvert par la plaque additionnelle (5). <IMAGE>

IPC 1-7

B31B 7/00; **B65D 5/60**; **B65D 77/06**

IPC 8 full level

B31B 7/00 (2006.01); **B65D 5/60** (2006.01); **B65D 77/06** (2006.01)

CPC (source: EP US)

B65D 5/606 (2013.01 - EP US); **B65D 77/062** (2013.01 - EP); **B31B 2105/00** (2017.07 - EP); **B31B 2105/002** (2017.07 - EP US); **B31B 2120/408** (2017.07 - EP US)

Citation (search report)

- [A] FR 2440324 A1 19800530 - DOC EMBALLAGES
- [A] FR 2629798 A1 19891013 - ROCHETTE CENPA [FR], et al
- [A] FR 2521103 A1 19830812 - DOC EMBALLAGES [FR]
- [A] US 3565244 A 19710223 - WAKEFIELD HAROLD DONAVON
- [A] US 4194439 A 19800325 - ZIMMERMANN JOHN [CA]

Cited by

FR2717781A1; FR2791327A1; FR3123797A1; WO2022258548A1

Designated contracting state (EPC)

BE DE ES FR GB IT LU NL

DOCDB simple family (publication)

EP 0500428 A1 19920826; **EP 0500428 B1 19950719**; DE 69203478 D1 19950824; DE 69203478 T2 19960229; FR 2672874 A1 19920821; FR 2672874 B1 19930611

DOCDB simple family (application)

EP 92400397 A 19920214; DE 69203478 T 19920214; FR 9101875 A 19910218