

Title (en)

PACKAGING, BLANK THEREFOR AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

VERPACKUNG, ZUSCHNITT FÜR DIESELBE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

EMBALLAGE, PIECE DECOUPEE POUR LEDIT EMBALLAGE ET PROCEDE DE PRODUCTION CORRESPONDANT

Publication

**EP 1528976 B1 20151007 (DE)**

Application

**EP 03792424 A 20030718**

Priority

- DE 10237544 A 20020816
- EP 0350320 W 20030718

Abstract (en)

[origin: WO2004018190A1] A packaging for liquids is made of a flat packaging material. This material has fold lines (6) and a mark (11) placed on a wall area of the packaging. The invention also relates to a blank and to a method for producing a packaging of this type, in which fold lines (6) and the mark (11) are placed in a moving packaging web of material. Afterwards, the web of material is shaped, filled and closed. The aim of the invention is to simplify the production of the packaging and to provide it with a more economical and more precise design. To this end, the invention provides that the mark (11) is formed by stamp lines (25), which lie on a plane and of which at least two straight stamp lines (25) intersect at least in the extension thereof. It is advantageous when the mark (11) has at least one centra-symmetric structure. According to the method, the invention provides that the mark (11) is made by the placement of stamp lines (25) so that the cross-section of the material is U-shaped after stamping, whereby the thickness of the material remains essentially the same.

IPC 8 full level

**B31B 1/25** (2006.01); **B31B 1/74** (2006.01); **B31B 50/25** (2017.01); **B65B 9/10** (2006.01); **B65B 61/02** (2006.01); **B65D 5/42** (2006.01); **B65D 25/20** (2006.01); **B65B 9/20** (2006.01)

CPC (source: EP US)

**B65B 61/025** (2013.01 - EP US); **B65D 5/4216** (2013.01 - EP US); **B31B 50/006** (2017.07 - EP US); **B31B 50/254** (2017.07 - EP US); **B65B 9/20** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 10237544 A1 20040304**; AU 2003262527 A1 20040311; CN 1675056 A 20050928; CN 1675056 B 20100616; EP 1528976 A1 20050511; EP 1528976 B1 20151007; JP 2005535534 A 20051124; US 2005252175 A1 20051117; WO 2004018190 A1 20040304

DOCDB simple family (application)

**DE 10237544 A 20020816**; AU 2003262527 A 20030718; CN 03819418 A 20030718; EP 0350320 W 20030718; EP 03792424 A 20030718; JP 2004530264 A 20030718; US 52009205 A 20050104