

Title (en)

Method of and device for producing a packaging unit of foldable material

Title (de)

Verfahren und Vorrichtung zum Herstellen einer Verpackungseinheit aus faltbarem Material

Title (fr)

Procédé et appareil pour la production d'un emballage à partir d'un matériau pliable

Publication

**EP 1757524 A3 20070314 (DE)**

Application

**EP 06014567 A 20060713**

Priority

- DE 102005033169 A 20050713
- DE 102005033604 A 20050714

Abstract (en)

[origin: EP1757524A2] Device for the production of a packing unit made from folded material comprises a magazine (5, 6) for releasing a blank (11) and a conveying unit (3) for conveying the blank from one step to another in a rotary manner. An independent claim is also included for a method for the production of a packing unit using the above device. Preferred Features: The conveying unit has transfer devices (13) which move between the conveying unit and each step provided on a ring (2). The conveying unit is formed as a triangle having as many side edges (18) as the transfer devices. The transfer devices lie on one of the side edges of the conveying unit during rotation of the conveying unit.

IPC 8 full level

**B65B 65/00** (2006.01); **B65B 5/02** (2006.01); **B65B 43/18** (2006.01)

CPC (source: EP)

**B31B 50/024** (2017.07); **B31B 50/444** (2017.07); **B65B 5/026** (2013.01); **B65B 43/18** (2013.01); **B65B 65/003** (2013.01); **B31B 50/062** (2017.07); **B31B 50/07** (2017.07)

Citation (search report)

- [XY] US 3579958 A 19710525 - HENTGES RONALD L, et al
- [Y] FR 2755665 A1 19980515 - CMA CONSTRUCTION MACHINES AUTO [FR]
- [Y] EP 1145959 A1 20011017 - STRUBL FRANZ DIPL KFM [DE], et al

Cited by

CN109501056A; CN118387646A; WO2018150334A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1757524 A2 20070228**; **EP 1757524 A3 20070314**; DE 102005033604 A1 20070201

DOCDB simple family (application)

**EP 06014567 A 20060713**; DE 102005033604 A 20050714