

Title (en)

PACKAGING DEVICE AND METHOD FOR PRODUCING PACKAGING UNITS

Title (de)

VERPACKUNGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON VERPACKUNGSEINHEITEN

Title (fr)

DISPOSITIF D'EMBALLAGE ET PROCÉDÉ DE PRODUCTION D'UNITÉS D'EMBALLAGE

Publication

EP 4025506 A1 20220713 (DE)

Application

EP 20761803 A 20200825

Priority

- DE 102019123831 A 20190905
- DE 102020109632 A 20200407
- EP 2020073734 W 20200825

Abstract (en)

[origin: WO2021043632A1] The invention relates to a packaging device (1) and to a method for producing packaging units (35). The packaging units (35) are formed by at least two items (30), which are brought together by a first secondary packaging means (20) and by at least one second secondary packaging means (40). The packaging device (1) comprises a supply unit (2) for the at least two items (30) or groups of at least two items (30), a first packaging module (7) for applying and securing the first secondary packaging means (20) - provided in the form of a flat packaging blank (21) - to the at least two items (30), and a second packaging module (12) for applying the second secondary packaging means (40) to the at least two items (30). The first packaging module (7) comprises a shaping device (9) for the first secondary packaging means (20).

IPC 8 full level

B65B 13/02 (2006.01); **B65B 17/02** (2006.01); **B65B 21/06** (2006.01); **B65D 71/50** (2006.01)

CPC (source: EP)

B65B 13/02 (2013.01); **B65B 17/02** (2013.01); **B65B 17/025** (2013.01); **B65B 21/06** (2013.01); **B65D 71/403** (2013.01); **B65D 71/406** (2013.01); **B65D 71/42** (2013.01); **B65D 71/44** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021043632 A1 20210311; EP 4025506 A1 20220713

DOCDB simple family (application)

EP 2020073734 W 20200825; EP 20761803 A 20200825