

Title (en)

PACKAGING DEVICE AND METHOD FOR PRODUCING A PACKAGING UNIT

Title (de)

VERPACKUNGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER VERPACKUNGSEINHEIT

Title (fr)

DISPOSITIF DE CONDITIONNEMENT ET PROCÉDÉ POUR PRODUIRE UNE UNITÉ D'EMBALLAGE

Publication

EP 4013685 A1 20220622 (DE)

Application

EP 21717989 A 20210414

Priority

- DE 102020114298 A 20200528
- EP 2021059654 W 20210414

Abstract (en)

[origin: WO2021239318A1] The invention relates to a packaging device (1) for items (20) or groups of items (60) and a method for producing a packaging unit (10) comprising at least one item (20). The packaging device (1) comprises at least one feeding conveyor assembly (40) for the items (20) or groups of items (60) and at least one handling device (46) for the items (20) or groups of items (60), wherein the items (20) or groups of items (60) are moved towards the handling device (46) in a direction of travel. The handling device (46) is designed to apply at least one packaging blank (30) to at least one item (20) or a group of items (60) to form a packaging unit (10). According to the invention, the feeding conveyor assembly (40) comprises a dryer (43) for drying at least some portions of outer lateral surfaces of the items (20), or a dryer (43) for drying at least some portions of outer lateral surfaces of the items (20) is assigned to the feeding conveyor assembly (40) or is disposed upstream therefrom in the direction of travel, or a dryer (43) for drying at least some portions of outer lateral surfaces of the items (20) is assigned to the handling device (46).

IPC 8 full level

B65B 17/02 (2006.01); **B65B 35/38** (2006.01); **B65B 43/00** (2006.01); **B65B 55/24** (2006.01); **B65B 59/00** (2006.01); **B65B 61/00** (2006.01); **B65B 63/00** (2006.01)

CPC (source: EP)

B65B 17/025 (2013.01); **B65B 35/38** (2013.01); **B65B 43/00** (2013.01); **B65B 55/24** (2013.01); **B65B 61/00** (2013.01); **B65B 63/00** (2013.01); **B65B 59/00** (2013.01)

Citation (search report)

See references of WO 2021239318A1

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)

DE 102020114298 A1 20211202; CN 217416208 U 20220913; EP 4013685 A1 20220622; WO 2021239318 A1 20211202

DOCDB simple family (application)

DE 102020114298 A 20200528; CN 202190000183 U 20210414; EP 2021059654 W 20210414; EP 21717989 A 20210414