

Title (en)
PACKAGING DEVICE AND METHOD FOR SETTING UP INDIVIDUAL ARTICLES OR COMPOSITIONS ON ARTICLES ON FLAT CARTON
BLANKS

Title (de)
VERPACKUNGSVORRICHTUNG UND VERFAHREN ZUM AUFSETZEN EINZELNER ARTIKEL ODER ZUSAMMENSTELLUNGEN AN
ARTIKELN AUF FLÄCHIGE VERPACKUNGSZUSCHNITTE

Title (fr)
DISPOSITIF D'EMBALLAGE ET PROCÉDÉ DE POSE D'UN ARTICLE INDIVIDUEL OU D'ENSEMBLES D'ARTICLES SUR LES ARTICLES SUR
LES DÉCOUPES D'EMBALLAGE PLATS

Publication
EP 3372516 A3 20181219 (DE)

Application
EP 18156946 A 20180215

Priority
DE 102017203603 A 20170306

Abstract (en)
[origin: CN208264692U] The utility model provides a package equipment (1) which is used for placing single article (5) or article group closes (3) in flat and best packing cut -parts (7) that are formed by cardboard and/or paper. Package equipment includes at least one conveyor that is used for single article of motion or article group to close, and extend in its packing route (VS) along being used for single article or article group to close. Package equipment includes still that at least one prepares device (11) and a feedway (50), provides fold pile (9) of at least one packing cut -parts through feeding device, utilizes feedway will pack cut -parts and is introduced among the transportation route that article or article group closed by feeding device and close to packing sub -assembly in the cut -parts in order to be used for placing single article or article group. Stipulate in addition, feedway has a feed route of two at least differences, their structures be used for with the packing cut -parts introduce from feeding device the transportation route that single article or article group closed the difference and spaced district's section (6, 8) the inside each other.

IPC 8 full level
B65B 41/02 (2006.01); **B65B 43/14** (2006.01); **B65B 59/00** (2006.01)

CPC (source: EP US)
B65B 11/004 (2013.01 - EP); **B65B 41/02** (2013.01 - EP US); **B65B 43/145** (2013.01 - EP); **B65B 59/001** (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US); **B65B 11/08** (2013.01 - EP); **B65B 53/063** (2013.01 - EP); **B65B 2210/02** (2013.01 - EP)

Citation (search report)
• [XA] WO 2016059218 A1 20160421 - NEOPOST TECHNOLOGIES [FR]
• [XAY] EP 2336037 A1 20110622 - KRONES AG [DE]
• [YA] US 4709529 A 19871201 - MATSUDA KATSUMI [JP], et al

Cited by
CN111017312A; CN111547319A

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)
EP 3372516 A2 20180912; EP 3372516 A3 20181219; EP 3372516 B1 20200603; CN 208264692 U 20181221; DE 102017203603 A1 20180906

DOCDB simple family (application)
EP 18156946 A 20180215; CN 201820302838 U 20180305; DE 102017203603 A 20170306