

Title (en)

APPARATUS FOR FEEDING A PLURALITY OF FLAT ELEMENTS LYING FLAT ON ONE ANOTHER, IN PARTICULAR CARTON BLANKS, TO A PACKAGING APPARATUS

Title (de)

VORRICHTUNG ZUM ZUFÜHREN EINER MEHRZAHL FLÄCHIG ANEINANDER ANLIEGENDER, FLÄCHIGER ELEMENTEN, INSBESONDERE KARTONZUSCHNITTEN, ZU EINER VERPACKUNGSVORRICHTUNG

Title (fr)

SYSTÈME D'ALIMENTATION D'UN DISPOSITIF D'EMBALLAGE EN UNE PLURALITÉ D'ÉLÉMENTS PLATS JUXTAPOSÉS À PLAT, NOTAMMENT EN FLANS DE CARTON

Publication

EP 3515847 A1 20190731 (DE)

Application

EP 17772692 A 20170922

Priority

- DE 202016005874 U 20160923
- EP 2017074086 W 20170922

Abstract (en)

[origin: WO2018055103A1] The invention relates to an apparatus (10) for feeding a plurality of flat elements (12) lying flat on one another, in particular carton blanks, to a packaging apparatus (V), comprising: a first feed section (18) having a conveying device (46), of which the conveying surface (22a1) intended to support the flat elements (12) is formed from a material which, with respect to the interaction with the flat elements (12), has a predetermined coefficient of adhesive friction, and a second feed section (20), which falls toward the packaging apparatus (V), wherein the inclination of the first feed section (18) and the inclination of the second feed section (20) toward the packaging apparatus (V) are different from each other.

IPC 8 full level

B65H 1/02 (2006.01); **B65B 43/12** (2006.01); **B65B 43/22** (2006.01)

CPC (source: EP US)

B31B 50/042 (2017.07 - EP US); **B65B 43/126** (2013.01 - EP); **B65B 43/225** (2013.01 - EP); **B65H 1/025** (2013.01 - EP US); **B65B 43/126** (2013.01 - US); **B65H 2404/2641** (2013.01 - EP US); **B65H 2404/531** (2013.01 - EP US); **B65H 2701/1764** (2013.01 - EP)

Citation (search report)

See references of WO 2018055103A1

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 202016005874 U1 20161019; EP 3515847 A1 20190731; EP 3515847 B1 20200729; US 10773909 B2 20200915; US 2019193885 A1 20190627; WO 2018055103 A1 20180329

DOCDB simple family (application)

DE 202016005874 U 20160923; EP 17772692 A 20170922; EP 2017074086 W 20170922; US 201716330509 A 20170922