

Title (en)
DEVICE FOR TRANSPORTING SEPARATING ELEMENTS AND INSERTING SEPARATING ELEMENTS INTO PACKAGING UNITS

Title (de)
VORRICHTUNG ZUM TRANSPORTIEREN UND EINSETZEN VON TRENNELEMENTEN IN VERPACKUNGSEINHEITEN

Title (fr)
DISPOSITIF POUR TRANSPORTER ET INSÉRER DES ÉLÉMENTS DE SÉPARATION DANS DES UNITÉS D'EMBALLAGE

Publication
EP 3027518 B1 20180509 (DE)

Application
EP 14744552 A 20140728

Priority
• DE 102013108177 A 20130730
• EP 2014066186 W 20140728

Abstract (en)
[origin: WO2015014798A1] The invention relates to a device for transporting separating elements and inserting separating elements into containers, which containers are each formed by a plurality of receptacles, wherein adjacent receptacles are separated from each other at least in some areas by means of the separating elements to be inserted, and wherein a transport device removes the separating element from a magazine and transports the separating element to an insertion station, by means of which the respective separating element is inserted into the container. It is proposed that at least the transport device is designed as a linear transporter having a closed motion path, on which motion elements circulate in a common direction, wherein at least one gripping element is arranged on each motion element.

IPC 8 full level
B65B 35/44 (2006.01); **B65B 61/20** (2006.01)

CPC (source: EP US)
B31B 50/81 (2017.07 - EP US); **B65B 35/44** (2013.01 - EP US); **B65B 61/207** (2013.01 - EP US); **B31B 2105/00** (2017.07 - EP US); **B31B 2120/25** (2017.07 - EP US)

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

DOCDB simple family (publication)
WO 2015014798 A1 20150205; DE 102013108177 A1 20150205; EP 3027518 A1 20160608; EP 3027518 B1 20180509; US 10472113 B2 20191112; US 2016194104 A1 20160707

DOCDB simple family (application)
EP 2014066186 W 20140728; DE 102013108177 A 20130730; EP 14744552 A 20140728; US 201414909207 A 20140728