

Title (en)

Device for feeding of container closures to a closing machine

Title (de)

Vorrichtung zum Zuführen von Behälterverschlüssen zu einem Verschließer

Title (fr)

Dispositif de transport de fermetures de récipients vers un système de fermeture

Publication

EP 2733111 B1 20160316 (DE)

Application

EP 13193237 A 20131118

Priority

DE 202012104464 U 20121119

Abstract (en)

[origin: EP2733111A2] The supplying device (1) is provided with a sorting device (2), an elevator (5) and an inspection device (4), where the inspection device is arranged in front of the elevator. The inspection device is disposed between the sorting device and the elevator. The inspection device is arranged in front of the sorting device. A separating device (3) is arranged before the inspection device for separation of the container closures. The elevator is a chain conveyor, particularly a spiral chain conveyor.

IPC 8 full level

B67B 3/06 (2006.01)

CPC (source: EP US)

B65B 3/04 (2013.01 - EP US); **B65B 7/2807** (2013.01 - EP US); **B65B 7/2842** (2013.01 - US); **B65B 55/04** (2013.01 - EP US); **B65B 57/02** (2013.01 - EP US); **B67B 3/06** (2013.01 - EP US)

Cited by

DE102022128726A1; WO2024089047A1

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)

DE 202012104464 U1 20130528; CN 103818701 A 20140528; EP 2733111 A2 20140521; EP 2733111 A3 20141210; EP 2733111 B1 20160316; SI 2733111 T1 20160930; US 2014137512 A1 20140522

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DE 202012104464 U 20121119; CN 201310579306 A 20131119; EP 13193237 A 20131118; SI 201330184 A 20131118; US 201314082665 A 20131118