

Title (en)

Method for removing folded boxes from an outer packaging

Title (de)

Verfahren zur Entnahme zusammengelegter Faltschachteln aus einer Umverpackung

Title (fr)

Procédé de prélèvement de boîtes pliantes regroupées à partir d'un double emballage

Publication

EP 2620377 A3 20140409 (DE)

Application

EP 13151165 A 20130114

Priority

- DE 202012000940 U 20120128
- DE 102012107984 A 20120829

Abstract (en)

[origin: EP2620377A2] The swivel unit (4) is mounted in rotatable state below a container (3). A gripper unit (1) is pivoted above the container, so as to remove vertically stacked components (2) from the container during pivoting operation of swivel unit.

IPC 8 full level

B65B 69/00 (2006.01); **B65H 31/30** (2006.01)

CPC (source: EP)

B65B 69/00 (2013.01); **B65H 31/3045** (2013.01); **B65H 2301/422542** (2013.01); **B65H 2405/354** (2013.01); **B65H 2701/1766** (2013.01)

Citation (search report)

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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 2620377 A2 20130731; **EP 2620377 A3 20140409**; **EP 2620377 B1 20151014**; DE 102012107984 A1 20130801;
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