

Title (en)

Cartridge for storing flat elements, packaging device, method

Title (de)

Magazin zum Speichern von flächigen Elementen, Verpackungseinrichtung, Verfahren

Title (fr)

Magasin destiné à stocker des éléments plats, dispositif d'emballage, procédé

Publication

EP 2275350 A3 20130123 (DE)

Application

EP 10168551 A 20100706

Priority

DE 102009026188 A 20090716

Abstract (en)

[origin: EP2275350A2] The device (2) has storing units (2a) storing a laminar element (6) i.e. card board, and lateral guide (9) i.e. guiding wall, provided in a pack of cards. A lifting unit (4) with a fork arm (14) is attached to the device, and the pack of cards is arranged in an array and a gap. The pack of cards is lifted by the lifting unit along lifting direction in an extraction position (11) such that the laminar elements are removed from the extraction position. A carriage (7) is attached to the device, and angled elements are firmly fastened to the guiding wall. Independent claims are also included for the following: (1) a packaging device for cladding a bundle of article, comprising an extracting unit (2) a method for feeding or removing a laminar element to and/or from a storage device of a packaging device.

IPC 8 full level

B65B 5/06 (2006.01); **B65B 5/02** (2006.01); **B65B 43/14** (2006.01); **B65B 43/18** (2006.01)

CPC (source: EP)

B65B 5/024 (2013.01); **B65B 5/068** (2013.01); **B65B 43/145** (2013.01); **B65B 43/185** (2013.01); **B65B 21/00** (2013.01); **B65B 43/10** (2013.01)

Citation (search report)

- [A] US 6050062 A 20000418 - PETERSSON GOERAN [US], et al
- [A] GB 2059390 A 19810423 - SIG SCHWEIZ INDUSTRIEGES

Cited by

EP4101773A1; US11338537B2; WO2018072955A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2275350 A2 20110119; **EP 2275350 A3 20130123**; **EP 2275350 B1 20130911**; CN 101954991 A 20110126; CN 101954991 B 20120829; DE 102009026188 A1 20110127

DOCDB simple family (application)

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