

Title (en)

Apparatus for the orderly feeding and depositing of small articles to be packaged

Title (de)

Vorrichtung zum geordneten Zuführen und Ablegen zu verpackender Kleinteile

Title (fr)

Dispositif pour alimenter et disposer de façon ordonnée des petits produits à emballer

Publication

EP 1854723 A3 20080521 (DE)

Application

EP 07002372 A 20070203

Priority

DE 102006022260 A 20060511

Abstract (en)

[origin: EP1854723A2] The device has cups (14) of a foil web (6) arranged in a predetermined pattern with a holding container (1). A shaped plate (4) is arranged downstream to the transport direction of the holding container, with retainers (12) arranged in the pattern and a transfer device (8) and many suction cups arranged in the pattern. In the shaped plate the pattern is formed in a multifold manner having a minimum offset of two adjacent patterns that are determined by the size of the retainers.

IPC 8 full level

B65B 9/04 (2006.01); **B65B 5/10** (2006.01); **B65B 35/08** (2006.01); **B65B 35/30** (2006.01)

CPC (source: EP US)

B65B 9/045 (2013.01 - EP US); **B65B 35/08** (2013.01 - EP US); **B65B 35/30** (2013.01 - EP US)

Citation (search report)

- [A] WO 2005075293 A1 20050818 - UHLMANN PAC SYSTEME GMBH & CO [DE], et al
- [A] EP 0931724 A1 19990728 - OMORI MACHINERY [JP]
- [DA] DE 19926893 A1 20001221 - UHLMANN PAC SYSTEME GMBH & CO [DE]

Cited by

CN105599988A; CN106002156A; RU2660248C2; US9061780B2; WO2011003507A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 07002372 A 20070203; AT 07002372 T 20070203; DE 102006022260 A 20060511; DE 502007000876 T 20070203; US 80314507 A 20070511