

Title (en)

Applicator for a piece-form item for sanitary use and packaging unit

Title (de)

Applikator für ein stückförmiges Mittel für den Sanitärbereich und Verpackungseinheit

Title (fr)

Applicateur pour un moyen sous forme d'article pour le domaine sanitaire et unité d'emballage

Publication

EP 2520727 A3 20150826 (DE)

Application

EP 12155354 A 20120214

Priority

DE 102011001373 A 20110317

Abstract (en)

[origin: EP2520727A2] The device has a housing portion (14) with an aperture (13) for retaining a sanitary agent (11), where the aperture lies in a plane (16). The housing portion has holding elements (17, 18) e.g. spacers and needles, passed on a pressure edge/surface (23) and counter surfaces (22, 24). The sanitary agent is positioned in the device such that an angle between the plane and a lower side (12) of the sanitary agent is between 5 degree and 90 degree. The sanitary agent is output and/or pressed from the housing portion by actuation of the pressure edge/surface. An independent claim is also included for a method for manufacturing a packaging unit.

IPC 8 full level

A61L 9/05 (2006.01); **B65D 75/36** (2006.01); **E03D 9/03** (2006.01)

CPC (source: EP)

B65D 75/366 (2013.01); **E03D 9/032** (2013.01)

Citation (search report)

- [AD] DE 102009039675 A1 20110310 - BUCK CHEMIE GMBH [DE]
- [A] EP 1870344 A1 20071226 - IMPRESS GROUP BV [NL]
- [A] WO 2011007222 A1 20110120 - LAMEPLAST SPA [IT], et al
- [A] US 2008190457 A1 20080814 - VELTMAN JEROME J [US], et al

Cited by

DE102016116697A1; WO2018046308A2

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)

DE 102011001373 A1 20120920; EP 2520727 A2 20121107; EP 2520727 A3 20150826; EP 2520727 B1 20191204

DOCDB simple family (application)

DE 102011001373 A 20110317; EP 12155354 A 20120214