

Title (en)
ARRANGEMENT FOR DISPENSING THE CONTENTS OF A PACKET

Title (de)
ANORDNUNG ZUR AUSGABE DES INHALTS EINER VERPACKUNG

Title (fr)
ÉQUIPEMENT POUR DÉCHARGER LE CONTENU D'UN EMBALLAGE

Publication
EP 4186809 A4 20240221 (EN)

Application
EP 21845230 A 20210720

Priority
• RU 2020124170 A 20200721
• RU 2021000309 W 20210720

Abstract (en)
[origin: EP4186809A1] The claimed technical solution relates to devices installed on packages in order to unload the package contents. The device for unloading of package contents arranged above the package outlet hole includes a tray with flanges, an outlet valve and a supporting element; at that, when folded, the tray is located under the outlet valve and is retained on the supporting element; and the outlet valve is equipped with flaps allowing to retain the tray flanges and form an opening when the tray is put into an open position. At that, the tray is designed so that it can be opened at an angle exceeding 90°, and the edges of the tray flanges are free from any attachments on three sides thereof. The tray has a pulling element with slots made on the supporting element. When folded, the tray is retained by the tray flanges located in slots made on the supporting element. Moreover, the flaps of the outlet valve retain the tray in a closed position on the supporting element.

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP IL RU US)
B65D 5/74 (2013.01 - IL RU); **B65D 5/742** (2013.01 - EP IL RU US); **B65D 5/744** (2013.01 - EP IL RU); **B65D 25/46** (2013.01 - US)

Citation (search report)
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• [A] US 3085733 A 19630416 - MARTIN UMANOFF
• [A] US 2812127 A 19571105 - GRAYBILL PAUL J
• [A] FR 1491317 A 19670811 - MICHELS
• [A] US 3207380 A 19650921 - HENNESSEY RUSSELL J
• See references of WO 2022019805A1

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)
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CN 116133951 B 20240409; CO 2023001560 A2 20230216; IL 299878 A 20230301; JP 2023536245 A 20230824; KR 20230040362 A 20230322;
MX 2023000858 A 20230215; PE 20230428 A1 20230307; RU 2740228 C1 20210112; US 2023174270 A1 20230608;
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