

Title (en)

OPENING DEVICE FOR A PACKAGE AND PACKAGE THEREWITH

Title (de)

ÖFFNUNGSVORRICHTUNG FÜR EINE VERPACKUNG UND VERPACKUNG DAMIT

Title (fr)

DISPOSITIF D'OUVERTURE POUR UN EMBALLAGE ET EMBALLAGE AVEC UN TEL DISPOSITIF

Publication

EP 4299460 A1 20240103 (EN)

Application

EP 23180688 A 20230621

Priority

EP 22182244 A 20220630

Abstract (en)

[origin: WO2024002832A1] There is described an opening device (3) for a package (1) comprising a collar (15) delimiting a flow channel (16) extending between an inlet opening (18) of the collar (15) configured to allow for an inflow of the pourable product into the flow channel (16) and a pouring outlet (19) of the collar (15) configured to allow for an outflow of the pourable product from the flow channel (16) and a cutter (17) arranged within the flow channel (16). The collar (15) comprises an inner surface (20) facing the flow channel (16). The opening device (3) further comprises a retaining device configured to block movement of the cutter (17) out of the flow channel (16) and through the pouring outlet (19). The retaining device comprises a retaining group (31) protruding from the inner surface (20) of the collar (15) and an interaction group (32) connected to the cutter (17). The retaining group (31) and the interaction group (32) are configured to interact with one another so as to block movement of the cutter (17) out of the flow channel (16) and through the pouring outlet (19). The retaining group (31) comprises one or more hollow retaining elements (33).

IPC 8 full level

B65D 5/74 (2006.01)

CPC (source: EP)

B65D 5/748 (2013.01)

Citation (search report)

- [I] EP 3943408 A1 20220126 - SIG TECHNOLOGY AG [CH]
- [A] DE 102013101526 A1 20140821 - SIG TECHNOLOGY AG [CH]
- [A] EP 3798150 A1 20210331 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 3153304 A1 20170412 - TETRA LAVAL HOLDINGS & FINANCE [CH]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

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