Title (en)
OPENING DEVICE FOR A PACKAGE AND PACKAGE HAVING AN OPENING DEVICE

Title (de)
ÖFFNUNGSVORRICHTUNG FÜR EINE VERPACKUNG UND VERPACKUNG MIT EINER ÖFFNUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'OUVERTURE POUR UN EMBALLAGE ET EMBALLAGE DOTÉ D'UN DISPOSITIF D'OUVERTURE

Publication
EP 4400439 A1 20240717 (EN)

Application
EP 23218480 A 20231220

Priority
IT 202300000474 A 20230116

Abstract (en)
There is described an opening device (3, 3') for a package (1). The opening device (3, 3') comprises a collar (15) having a central axis (B) and delimiting a flow channel (16) extending between an inlet opening (18) of the collar (15) configured to allow entry of the pourable product into the flow channel (16) and a pouring outlet (19) of the collar (15) configured to allow exit of the pourable product from the flow channel (16) and a cutter (17) configured to break the separation membrane and being at least partially arranged within the flow channel (16). The opening device (3, 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) by inducing a rotation of the cutter (17) about a rotation axis (E) transversal to the central axis (B). The retaining device comprises a retaining element (31) and an interaction element (32) configured to interact with one another so as to induce the rotation of the cutter (17) about the rotation axis (E).

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP)
B65D 5/748 (2013.01)

Citation (search report)
- [A] EP 3943408 A1 20220126 - SIG TECHNOLOGY AG [CH]
- [A] US 2012181281 A1 20120719 - OTT GREGOR [CH]
- [A] WO 2017207227 A1 20171207 - SIG TECHNOGOLY AG [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

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KH MA MD TN

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