

Title (en)

VALVE FOR A PACKAGING CONTAINER

Title (de)

VENTIL FÜR EINEN VERPACKUNGSBEHÄLTER

Title (fr)

SOUPAPE POUR RÉCIPIENT D'EMBALLAGE

Publication

EP 4031460 B1 20231227 (DE)

Application

EP 20776108 A 20200918

Priority

- DE 102019214317 A 20190919
- EP 2020076115 W 20200918

Abstract (en)

[origin: WO2021053150A1] The invention relates to a valve for a packaging container, said valve comprising at least one base film (10) having an opening (11), at least one frame film (13) surrounding a free area (17), and at least one membrane (12) arranged on said base film (10) and covering said opening (11). A fluid is provided between said membrane (12) and the base film (10), the membrane (12) being connected to a surrounding film (20) via at least one connection point (22), the surrounding film (20) being connected to the base film (10) on one side and to the frame film (13) on the other side, and the membrane (12) being arranged movably within the free region (17). The surrounding film (20) is open at least at one point, so that a channel (18) is formed.

IPC 8 full level

B65D 33/01 (2006.01); **B65D 77/22** (2006.01)

CPC (source: EP US)

B65D 33/01 (2013.01 - EP); **B65D 77/225** (2013.01 - EP US); **B65D 2205/00** (2013.01 - EP); **Y10T 137/782** (2015.04 - US);
Y10T 137/7882 (2015.04 - US)

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)

WO 2021053150 A1 20210325; DE 102019214317 A1 20210325; EP 4031460 A1 20220727; EP 4031460 B1 20231227;
JP 2022550276 A 20221201; JP 7255023 B2 20230410; US 11939133 B2 20240326; US 2022332490 A1 20221020

DOCDB simple family (application)

EP 2020076115 W 20200918; DE 102019214317 A 20190919; EP 20776108 A 20200918; JP 2022517303 A 20200918;
US 202017641627 A 20200918