

Title (en)
PRESSURE RELIEF VALVE WITH FLOATING MEMBRANE AND PACKAGING CONTAINER

Title (de)
ÜBERDRUCKVENTIL MIT SCHWIMMENDER MEMBRAN UND VERPACKUNGSBEHÄLTER

Title (fr)
SOUPAPE DE SURPRESSION À MEMBRANE FLOTTANTE ET EMBALLAGE

Publication
EP 3686125 B1 20230830 (DE)

Application
EP 19197913 A 20190918

Priority
DE 102019200860 A 20190124

Abstract (en)
[origin: US2020239214A1] Pressure relief valve of a packaging container, comprising: a main body (2) with an edge region (3) and with a sealing face (4), wherein the edge region (3) is connectable in sealing fashion to a wall (10) of a packaging container (100) and wherein at least one passage opening (51) is formed in the sealing face (4), said passage opening extending through the main body (2), a first diaphragm (6) that is arranged over the passage opening (51) and at least partly covers the sealing face (4), a second diaphragm (7) that at least partly covers the first diaphragm (6), and a fluid (8) that is applied to the sealing face (4) and by means of which fluid the first diaphragm (6) is held on the sealing face (4) in floating fashion.

IPC 8 full level
B65D 77/22 (2006.01)

CPC (source: EP US)
B65D 77/225 (2013.01 - EP 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)
EP 3686125 A1 20200729; EP 3686125 B1 20230830; DE 102019200860 A1 20200730; US 11155395 B2 20211026;
US 2020239214 A1 20200730

DOCDB simple family (application)
EP 19197913 A 20190918; DE 102019200860 A 20190124; US 201916580097 A 20190924