Title (en)
MULTI-COMPARTMENT RETORT PACKAGE

Title (de)
MEHRKAMMER-RETORTENVERPACKUNG

Title (fr)
EMBALLAGE AUTOCLAVE À PLUSIEURS COMPARTIMENTS

Publication
EP 4031467 A4 20230628 (EN)

Application
EP 19946183 A 20190917

Priority
US 2019051538 W 20190917

Abstract (en)
[origin: WO2021054942A1] A retortable package includes a body defining a perimeter and a peripheral seal formed along the perimeter of the body. The peripheral seal includes at least one peripheral self-venting region and at least one peripheral non-venting region. The retortable package further includes an intermediate seal formed within the perimeter of the body and contiguous with the peripheral seal. The intermediate seal divides the body into two compartments. The compartments receive respective products therein. Upon heating of the products, the intermediate seal ruptures before the at least one peripheral self-venting region ruptures. Further, the at least one peripheral self-venting region ruptures before the at least one peripheral non-venting region ruptures.

IPC 8 full level
B65D 30/22 (2006.01); **B65D 30/24** (2006.01); **B65D 33/01** (2006.01); **B65D 81/32** (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP US)
B65D 31/02 (2013.01 - EP); **B65D 81/3266** (2013.01 - EP US); **B65D 81/3461** (2013.01 - EP US); B65D 2205/00 (2013.01 - US); B65D 2581/3429 (2013.01 - EP); B65D 2581/3494 (2013.01 - US)

Citation (search report)
- [XYI] JP 2009214892 A 20090924 - FUJIMORI KOGYO CO, et al
- [Y] JP H09216664 A 19970819 - DAINIPPON PRINTING CO LTD
- [Y] EP 2813442 A1 20141217 - GOGLIO SPA [IT]
- [Y] JP H09216640 A 19970819 - DAINIPPON PRINTING CO LTD
- [Y] EP 1371578 A2 20031217 - HUHTAMAKI RONSBERG [DE]
- See references of WO 2021054942A1

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 2021054942 A1 20210325; EP 4031467 A1 20220727; EP 4031467 A4 20230628; US 2022289458 A1 20220915

DOCDB simple family (application)
US 2019051538 W 20190917; EP 19946183 A 20190917; US 201917635278 A 20190917