

Title (en)
CONTAINMENT SYSTEM AND ADAPTIVE SEALING SYSTEMS THEREFORE AND METHODS FOR OPERATING THE SAME

Title (de)
RÜCKHALTESYSTEM UND ADAPTIVE DICHTUNGSSYSTEME SOWIE BETRIEBSVERFAHREN DAFÜR

Title (fr)
SYSTÈME DE CONFINEMENT ET SYSTÈMES D'ÉTANCHÉITÉ ADAPTATIFS POUR CELUI-CI ET MÉTHODES D'UTILISATION DE CELUI-CI

Publication
EP 2701988 A2 20140305 (EN)

Application
EP 12776251 A 20120424

Priority

- US 201161478745 P 20110425
- US 2012034778 W 20120424

Abstract (en)
[origin: WO2012148903A2] A containment system includes a bounded container having a shaped rim region and a sealing multi-hinged lid system engaging respective rim regions and respective closing lid members. Closing lid members are optionally hingably engageable with the bounded container and provide optional staged or simultaneous closing. A rim-lid interface and a lid-lid interface are discontinuous to aid sealing. Adaptive gasketing arrangements allow for enhanced sealing. In each embodiment, an interfitting arrangement provides a positive compressive urging proximate respective contact regions where the lids and the shaped rim interfit, and between lids, to provide air and moisture resistance to the containment system. Optional adaptive hinges allow positive lid positioning throughout a lid swing arc and also enable operative stacking. The current sealing system interfaces may be adapted to consumer product items and other industrial and commercial purposes without departing from the scope of the present invention.

IPC 8 full level
B65D 43/06 (2006.01); **B65D 21/02** (2006.01); **B65D 21/06** (2006.01); **B65D 43/16** (2006.01); **B65D 43/22** (2006.01)

CPC (source: EP)
B65D 21/0217 (2013.01); **B65D 21/0233** (2013.01); **B65D 21/064** (2013.01); **B65D 43/165** (2013.01); **B65D 2251/10** (2013.01); **B65D 2251/1083** (2013.01); **B65D 2251/205** (2013.01); **B65D 2543/00175** (2013.01); **B65D 2543/00194** (2013.01); **B65D 2543/00231** (2013.01); **B65D 2543/00296** (2013.01); **B65D 2543/00398** (2013.01); **B65D 2543/00462** (2013.01); **B65D 2543/0074** (2013.01); **B65D 2543/00768** (2013.01); **B65D 2543/00796** (2013.01); **B65D 2543/00851** (2013.01)

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 2012148903 A2 20121101; **WO 2012148903 A3 20130117**; CA 2834025 A1 20121101; CN 202807364 U 20130320; EP 2701988 A2 20140305; EP 2701988 A4 20141105; JP 3182866 U 20130418

DOCDB simple family (application)
US 2012034778 W 20120424; CA 2834025 A 20120424; CN 201220182237 U 20120425; EP 12776251 A 20120424; JP 2012004223 U 20120711