

Title (en)

CLOSURE AND LID AND METHOD OF FORMING CLOSURE AND LID

Title (de)

VERSCHLUSS UND DECKEL UND VERFAHREN ZUR HERSTELLUNG DES VERSCHLUSSES UND DECKELS

Title (fr)

FERMETURE ET COUVERCLE ET PROCÉDÉ DE FORMATION DE FERMETURE ET DE COUVERCLE

Publication

**EP 4175894 A1 20230510 (EN)**

Application

**EP 21728343 A 20210430**

Priority

- US 202016988301 A 20200807
- US 202063125835 P 20201215
- US 2021030256 W 20210430

Abstract (en)

[origin: WO2022031331A1] An example lid assembly 100 can include a lid and a slider 102. The lid can include a wall 118 defining a recess 122. The slider can be configured to slide in the recess and can be configured to move between a closed position where the slider covers an opening 104 to aid in preventing spilling of contents of the container, and an opened position where the slider uncovers the opening such that the contents may be poured from the container. The slider can be configured to be removable from the lid and can be replaced back on the lid. Additionally, the slider can be formed from upper and lower sled elements 130,136 that are magnetically coupled to one another. In some examples, the lower sled of the slider may include an air vent 1802 with rounded entry portions, and the lid assembly may include engaging members 2170 with ramped surfaces.

IPC 8 full level

**B65D 47/28** (2006.01); **A47G 19/22** (2006.01); **B65D 47/32** (2006.01)

CPC (source: EP)

**A47G 19/2272** (2013.01); **B65D 47/286** (2013.01); **B65D 47/32** (2013.01); **B65D 2313/04** (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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022031331 A1 20220210**; AU 2021322575 A1 20230223; CA 3189791 A1 20220210; CN 116075248 A 20230505;  
EP 4175894 A1 20230510; EP 4175894 B1 20240508; JP 2023536624 A 20230828; MX 2023001480 A 20230308

DOCDB simple family (application)

**US 2021030256 W 20210430**; AU 2021322575 A 20210430; CA 3189791 A 20210430; CN 202180057545 A 20210430;  
EP 21728343 A 20210430; JP 2023507439 A 20210430; MX 2023001480 A 20210430