

Title (en)

CHILD-RESISTANT AND AIRTIGHT CONTAINER

Title (de)

KINDERSICHERER UND LUFTDICHTER BEHÄLTER

Title (fr)

RÉCIPIENT À SÉCURITÉ ENFANT ET ÉTANCHE À L'AIR

Publication

**EP 3968933 A4 20221214 (EN)**

Application

**EP 19929415 A 20190517**

Priority

US 2019032839 W 20190517

Abstract (en)

[origin: WO2020236134A1] Disclosed herein are modular container systems having child-resistant containers, tray inserts and tray frames. Also disclosed are methods using the modular container systems and methods of storing substances in containers. The containers have a container base and a container cap and provide for child-resistant containers. A user can releasably remove the container cap from container base with a squeeze and lift sequence. For example, the user squeezes opposite sides of the container base, which releases a locking mechanism and allows for removal of the cap by lifting or pulling the container cap off from the container base. The components of the modular container system are modular and stackable. The modular system allows for organized, efficient, accessible and storage of the child-resistant containers. The modular container system also allows for easy counting, sorting and processing of the containers.

IPC 8 full level

**A61J 1/03** (2006.01); **A61J 1/14** (2006.01); **B65D 1/34** (2006.01); **B65D 43/02** (2006.01); **B65D 43/16** (2006.01); **B65D 50/02** (2006.01); **B65D 50/04** (2006.01); **B65D 50/06** (2006.01); **B65D 83/04** (2006.01)

CPC (source: EP)

**B65D 1/34** (2013.01); **B65D 21/0219** (2013.01); **B65D 21/0233** (2013.01); **B65D 25/10** (2013.01); **B65D 43/162** (2013.01); **B65D 50/046** (2013.01); **B65D 71/70** (2013.01); **A61J 1/03** (2013.01); **B65D 2215/02** (2013.01)

Citation (search report)

- [XYI] US 2018312297 A1 20181101 - KNOBEL SIMON [US], et al
- [Y] EP 0023396 B1 19830824
- See references of WO 2020236134A1

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 2020236134 A1 20201126**; CA 3140974 A1 20201126; CN 114173739 A 20220311; EP 3968933 A1 20220323; EP 3968933 A4 20221214

DOCDB simple family (application)

**US 2019032839 W 20190517**; CA 3140974 A 20190517; CN 201980098461 A 20190517; EP 19929415 A 20190517