

Title (en)

LEAK RESISTANT DRINKING CUP AND DIAPHRAGM THEREFOR

Title (de)

LECKAGESICHERER TRINKBECHER UND MEMBRAN DAFÜR

Title (fr)

GOBELET À BOISSON RÉSISTANT AUX FUITES ET MEMBRANE POUR CELUI-CI

Publication

**EP 2432706 A4 20130306 (EN)**

Application

**EP 10778448 A 20100521**

Priority

- US 2010035719 W 20100521
- US 47112409 A 20090522
- US 47113309 A 20090522

Abstract (en)

[origin: WO2010135619A1] A leak resistant drinking cup has a container with an open top and a lid assembly for removable attachment to the container for selectively closing the open top. The lid assembly includes a liquid discharge member for allowing liquid in the container to exit the cup. A closure member is adapted for placement adjacent the open top of the container when the lid assembly is attached to the container. A flexible diaphragm is moveable from a sealed position to unsealed position by a vacuum being applied to the diaphragm by a user sucking on the liquid discharge member. The vacuum causes the diaphragm to flex toward the container and at least in part away from the closure member and thereby move the diaphragm from the sealed position to the unsealed position. The liquid discharge member and sealing member may be formed as one-piece.

IPC 8 full level

**A47G 19/22** (2006.01); **B65D 47/08** (2006.01)

CPC (source: EP)

**A47G 19/2272** (2013.01)

Citation (search report)

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- [X] WO 9319718 A1 19931014 - HABERMAN MANDY NICOLA [GB]
- [X] US 2006169694 A1 20060803 - KEMPER BERNARD J [US]
- [X] WO 2006031116 A1 20060323 - NOVA PRODUCTS B V [NL], et al
- [Y] US 5702020 A 19971230 - LARSEN RANDI BOLLERUP [DK]
- [Y] US 2442656 A 19480601 - LESS JOSEPH W
- See references of WO 2010135619A1

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 SE SI SK SM TR

DOCDB simple family (publication)

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**US 2010035719 W 20100521**; BR PI1012102 A 20100521; CA 2761952 A 20100521; CN 201080032691 A 20100521; EP 10778448 A 20100521; KR 20117030556 A 20100521; MX 2011012319 A 20100521; RU 2011151634 A 20100521; TW 99116397 A 20100521