

Title (en)

VIAL FILLING SYSTEM WITH LOCALIZED CLEAN ZONE

Title (de)

PHIOLENFÜLLSYSTEM MIT LOKALISierter REINZONE

Title (fr)

SYSTÈME DE REMPLISSAGE DE FLAcons À ZONE PROPRE LOCALISÉE

Publication

**EP 3472052 A4 20200122 (EN)**

Application

**EP 17813905 A 20170613**

Priority

- US 201662350801 P 20160616
- US 2017037161 W 20170613

Abstract (en)

[origin: US2017361966A1] Among other things, there is shown a system for filling vials with fluid that maintains a localized sterile zone around the filling location. In particular embodiments, the sterile zone is provided by a manifold having an internal space to which clean air is supplied. One or more filling assemblies are attached to the manifold. Vials enter the sterile zone and are filled within it. Additional structure, such as coverings for vials, are disclosed to assist in maintaining sterility.

IPC 8 full level

**B65B 55/02** (2006.01); **B65B 3/00** (2006.01)

CPC (source: EP US)

**B65B 3/003** (2013.01 - EP US); **B65B 39/00** (2013.01 - EP US); **B65B 55/12** (2013.01 - US); **B65B 55/02** (2013.01 - EP US); **B65B 55/025** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2017218477A1

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)

**US 2017361966 A1 20171221**; EP 3472052 A1 20190424; EP 3472052 A4 20200122; WO 2017218477 A1 20171221

DOCDB simple family (application)

**US 201715620949 A 20170613**; EP 17813905 A 20170613; US 2017037161 W 20170613