

Title (en)
FLUID STERILANT INJECTION STERILIZATION DEVICE AND METHOD

Title (de)
VORRICHTUNG UND VERFAHREN ZUR EINSPRITZUNG EINES FLÜSSIGKEITSSTERILISATIONSMITTELS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE STÉRILISATION D'INJECTION DE STÉRILISANT FLUIDE

Publication
EP 2723395 A4 20141029 (EN)

Application
EP 12802020 A 20120621

Priority
• US 201161499626 P 20110621
• US 2012043623 W 20120621

Abstract (en)
[origin: WO2012177933A1] A method for sterilizing a container is provided where a penetrable septum of a sealed empty device is penetrated with an injection member. A fluid sterilant is then injected through the injection member and into an interior chamber of the device. The fluid sterilant is allowed to reside within the chamber a sufficient amount of time to render the chamber either sterile or bactericidal. Product can then be introduced through the septum into the sterile or bactericidal chamber. The resulting penetration aperture is then resealed to hermetically seal the product within the chamber.

IPC 8 full level
A61L 2/00 (2006.01); **B65B 25/00** (2006.01); **B65B 55/10** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)
B65B 55/10 (2013.01 - EP US); **B65B 25/001** (2013.01 - EP US); **B65B 25/008** (2013.01 - EP US)

Citation (search report)
• [XAY] US 3637102 A 19720125 - SHAW FRED B
• [XAY] WO 2004074162 A1 20040902 - COCA COLA CO [US], et al
• [YA] WO 2009046386 A1 20090409 - PY DANIEL C [US]
• [A] WO 2008067511 A1 20080605 - MEDI PHYSICS INC [US], et al
• See references of WO 2012177933A1

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 2012177933 A1 20121227; BR 112013033307 A2 20170307; CN 103813811 A 20140521; CN 108619536 A 20181009;
EP 2723395 A1 20140430; EP 2723395 A4 20141029; EP 2723395 B1 20170809; HK 1198245 A1 20150320; US 2013008137 A1 20130110

DOCDB simple family (application)
US 2012043623 W 20120621; BR 112013033307 A 20120621; CN 201280040640 A 20120621; CN 201810323371 A 20120621;
EP 12802020 A 20120621; HK 14111778 A 20141121; US 201213529951 A 20120621