

Title (en)
APPARATUS AND METHOD FOR DISPENSING HIGH PURITY MATERIALS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR AUSGABE VON HOCHREINEN MATERIALIEN

Title (fr)
DISPOSITIF ET PROCEDE SERVANT A DISTRIBUER DES MATERIAUX EXTREMEMENT PURS

Publication
EP 1791768 A1 20070606 (EN)

Application
EP 05766596 A 20050615

Priority

- US 2005021234 W 20050615
- US 58566304 P 20040706
- US 62103004 P 20041021

Abstract (en)
[origin: WO2006014225A1] This invention relates to a system or apparatus (10) and a method for dispensing a material (16) from a pressurized container (12) while maintaining product integrity. The system or apparatus comprises a pressurized container for holding the material and having a dispensing valve (20) provided with a dispensing conduit or stem (26) for dispensing the material from the container at the appropriate time, a syringe (42) equipped with an on/off locking mechanism (48) for permitting or preventing flow of the material into and out of the syringe by way of a stem or conduit (50) attached to the locking mechanism, and a removable adaptor (34) for connecting the stem of the syringe to the stem of the dispensing valve of the pressurized container for permitting flow of material from the pressurized container into a chamber of the syringe upon actuation of the dispensing valve.

IPC 8 full level
B65D 83/14 (2006.01)

CPC (source: EP KR US)
B01L 3/00 (2013.01 - EP US); **B65D 83/14** (2013.01 - KR); **B65D 83/48** (2013.01 - EP US); **G01N 35/1002** (2013.01 - EP US); **B01L 3/0293** (2013.01 - EP US); **B01L 2200/16** (2013.01 - EP US); **B01L 2300/049** (2013.01 - EP US); **B01L 2400/0487** (2013.01 - EP US); **G01N 2001/2238** (2013.01 - EP US)

Citation (search report)
See references of WO 2006014225A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006014225 A1 20060209; AU 2005270164 A1 20060209; BR PI0512978 A 20080422; CA 2572902 A1 20060209; EP 1791768 A1 20070606; IL 180492 A0 20070603; JP 2008505814 A 20080228; KR 20070032776 A 20070322; MX PA06014214 A 20070312; TW 200617315 A 20060601; US 2007175537 A1 20070802

DOCDB simple family (application)
US 2005021234 W 20050615; AU 2005270164 A 20050615; BR PI0512978 A 20050615; CA 2572902 A 20050615; EP 05766596 A 20050615; IL 18049207 A 20070101; JP 2007520322 A 20050615; KR 20077000355 A 20070105; MX PA06014214 A 20050615; TW 94122854 A 20050706; US 59448505 A 20050615