

Title (en)
VIAL ADAPTOR WITH AIR RESISTOR

Title (de)
FLÄSCHCHENADAPTER MIT LUFTWIDERSTAND

Title (fr)
ADAPTATEUR DE FLACON AVEC RÉSISTANCE À L'AIR

Publication
EP 3718528 A1 20201007 (EN)

Application
EP 19166447 A 20190401

Priority
EP 19166447 A 20190401

Abstract (en)
A vial adaptor (110) may comprise a body portion (120). The body portion includes a vial connection port (122), a syringe connection port (124), an access passageway (126) between the vial connection port and the syringe connection port, and a regulation passageway (128). The vial adaptor may further comprise an expandable and/or contractible chamber (140) comprising one or more membranes impermeable to gas and/or liquid, the regulation passageway being between the vial connection port and the chamber, and a housing (150) casing the chamber. The chamber may comprise a two-way air resistor (146) arranged on the one or more membranes. Such a vial adaptor constitutes an improved vial adaptor.

IPC 8 full level
A61J 1/20 (2006.01)

CPC (source: EP)
A61J 1/2096 (2013.01); **A61J 1/201** (2015.05); **A61J 1/2072** (2015.05); **A61J 1/2075** (2015.05); **A61J 1/2082** (2015.05)

Citation (applicant)
• WO 2005041846 A2 20050512 - TEVA MEDICAL LTD [IL], et al
• IL 2018051202 W 20181108

Citation (search report)
• [A] US 8029747 B2 20111004 - HELMERSON ELISABET [SE]
• [A] US 2017079880 A1 20170323 - GUALA GIANNI [IT]
• [A] FR 2951638 A1 20110429 - VYGON [FR]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 19166447 A 20190401; IL 2020050339 W 20200322