

Title (en)

DEVICE WITH AT LEAST ONE CHAMBER FOR RECEIVING A MEDICAMENT OR A SAMPLE VOLUME

Title (de)

VORRICHTUNG MIT MINDESTENS EINER KAMMER ZUR AUFNAHME EINES MEDIKAMENTS ODER EINES PROBENVOLUMENS

Title (fr)

DISPOSITIF PRÉSENTANT AU MOINS UNE CHAMBRE DESTINÉE À CONTENIR UN MÉDICAMENT OU UN VOLUME D'ÉCHANTILLON

Publication

EP 2303367 A1 20110406 (DE)

Application

EP 09765622 A 20090618

Priority

- EP 2009004388 W 20090618
- DE 102008030270 A 20080619

Abstract (en)

[origin: CA2728126A1] A device (1) with at least one chamber (3) for receiving a medicament (M) or a sample volume and with a plunger element (5) that can be moved in the device (1) is proposed, which device (1) comprises a syringe or carpule, a multi-chamber or twin-chamber system, an autoinjector or pen and is characterized in that pressure forces resulting from a chemical reaction can be introduced into the plunger element (5) and cause a movement of the plunger element (5).

IPC 8 full level

A61M 5/20 (2006.01)

CPC (source: EP US)

A61M 5/2046 (2013.01 - EP US); **A61M 5/19** (2013.01 - EP US); **A61M 5/24** (2013.01 - EP US); **A61M 5/2466** (2013.01 - EP US); **A61M 5/28** (2013.01 - EP US); **A61M 5/3135** (2013.01 - EP US); **A61M 2005/3121** (2013.01 - EP US); **A61M 2205/8218** (2013.01 - EP US); **A61M 2205/8231** (2013.01 - EP US)

Citation (search report)

See references of WO 2009153042A1

Citation (examination)

- WO 0211791 A1 20020214 - KIM YONG NYUN [KR]
- WO 9948546 A1 19990930 - ELAN CORP PLC [IE], et al

Designated contracting state (EPC)

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

DE 102008030270 A 20080619; BR PI0914169 A 20090618; CA 2728126 A 20090618; EP 09765622 A 20090618; EP 2009004388 W 20090618; JP 2011513951 A 20090618; MX 2010013162 A 20090618; RU 2011101706 A 20090618; US 99959309 A 20090618