

Title (en)

DEVICE FOR ADMINISTERING AN ACTIVE SUBSTANCE AND METHOD FOR OPERATING SAID DEVICE

Title (de)

VORRICHTUNG ZUR VERABREICHUNG EINES WIRKSTOFFS UND VERFAHREN ZUR BETRIEBUNG DIESER VORRICHTUNG

Title (fr)

DISPOSITIF D'ADMINISTRATION D'UN PRINCIPE ACTIF ET PROCÉDÉ D'UTILISATION DE CE DISPOSITIF

Publication

EP 3365047 A1 20180829 (DE)

Application

EP 16781999 A 20161004

Priority

- CH 15082015 A 20151019
- CH 2016000129 W 20161004

Abstract (en)

[origin: WO2017066885A1] The invention relates to a device for administering an active substance, said device comprising: a multi-chamber carpule (4) having a bypass (7) in one wall (8) of the multi-chamber carpule (4) and at least one first chamber (9) with a solid active substance and a second chamber (10) with a solvent for the active substance, the second chamber (10) being delimited by a first plug (5) arranged distally in the multi-chamber carpule (4) and a second plug (6) arranged proximally in the multi-chamber carpule (4); a mixing element (1, 1', 1''), which is rotatably mounted about a rotational axis in relation to the housing (11, 11', 11'') and which can be rotated about the rotational axis in a rotational direction in order to mix the active substance and the solvent; and a first detent device, which is provided on the device such that, after the mixing operation, an axial displacement of the distal end of the second plug (6) in relation to the wall (8) of the multi-chamber carpule (4) is blocked in the proximal direction by means of the distal end of the bypass (6).

IPC 8 full level

A61M 5/19 (2006.01); **A61M 5/20** (2006.01); **A61M 5/24** (2006.01); **A61M 5/28** (2006.01); **A61M 5/31** (2006.01); **A61M 5/315** (2006.01)

CPC (source: EP US)

A61M 5/19 (2013.01 - EP US); **A61M 5/2066** (2013.01 - EP US); **A61M 5/2448** (2013.01 - EP US); **A61M 5/284** (2013.01 - EP US); **A61M 5/3137** (2013.01 - US); **A61M 5/3146** (2013.01 - EP US); **A61M 5/3148** (2013.01 - EP US); **A61M 5/31501** (2013.01 - EP US); **A61M 5/31511** (2013.01 - EP US); **A61M 5/31586** (2013.01 - EP US); **A61M 5/31596** (2013.01 - EP US); **A61M 5/3155** (2013.01 - US); **A61M 2005/2451** (2013.01 - EP US); **A61M 2005/2488** (2013.01 - EP US); **A61M 2005/31508** (2013.01 - US); **A61M 2005/31518** (2013.01 - EP US)

Citation (search report)

See references of WO 2017066885A1

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)

WO 2017066885 A1 20170427; CH 711655 A2 20170428; EP 3365047 A1 20180829; US 2018221583 A1 20180809

DOCDB simple family (application)

CH 2016000129 W 20161004; CH 15082015 A 20151019; EP 16781999 A 20161004; US 201815944054 A 20180403