

Title (en)
INJECTION DEVICE HAVING INJECTION VOLUME ADJUSTMENT

Title (de)
INJEKTIONSVORRICHTUNG MIT INJEKTIONSVOLUMENEINSTELLUNG

Title (fr)
DISPOSITIF D'INJECTION À RÉGLAGE DE VOLUME D'INJECTION

Publication
EP 2403560 A1 20120111 (DE)

Application
EP 10702245 A 20100122

Priority
• EP 2010000373 W 20100122
• DE 202009003009 U 20090303

Abstract (en)
[origin: WO2010099850A1] An injection device (2) comprises a housing (4) in which a receiving chamber (6) is provided for an injection mechanism (8) having an injection fluid container (10) that can be pressed out by means of an injection plunger (12). The injection device (2) further comprises an actuating device (18) that can be driven for automatically pressing out the injection fluid container (10), wherein said actuating device can be displaced between an insertion/removal position outside of the receiving chamber (6) and an injection position within the receiving chamber (6), wherein the actuating device (18) is spaced by a release distance (d) from the receiving chamber (6) in the insertion/removal position. A contact mechanism (22) is provided, by means of which the actuating device (18) can be brought into a stop position in which an actuating stop (26) of the actuating device (18) contacts the injection plunger (12) and in which an injection volume adjustment (28) is automatically actuated.

IPC 8 full level
A61M 5/20 (2006.01); **A61M 5/24** (2006.01)

CPC (source: EP US)
A61M 5/2033 (2013.01 - EP US); **A61M 5/24** (2013.01 - EP US); **A61M 5/31546** (2013.01 - EP US); **A61M 5/31553** (2013.01 - EP US); **A61M 5/31563** (2013.01 - EP US); **A61M 5/31573** (2013.01 - EP US); **A61M 5/31591** (2013.01 - EP US); **A61M 5/46** (2013.01 - EP US); **A61M 2005/2006** (2013.01 - EP US); **A61M 2005/206** (2013.01 - EP US); **A61M 2005/2414** (2013.01 - EP US)

Citation (search report)
See references of WO 2010099850A1

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 SM TR

DOCDB simple family (publication)
DE 202009003009 U1 20090625; EP 2403560 A1 20120111; JP 2012519042 A 20120823; JP 5650669 B2 20150107; US 2012056019 A1 20120308; US 9233205 B2 20160112; WO 2010099850 A1 20100910

DOCDB simple family (application)
DE 202009003009 U 20090303; EP 10702245 A 20100122; EP 2010000373 W 20100122; JP 2011552335 A 20100122; US 201013254919 A 20100122