

Title (en)

Process and installation for automatic sterile dosing and mixing of infusions

Title (de)

Verfahren und Einrichtung zum automatischen sterilen Dosieren und Mischen von Infusionen

Title (fr)

Processus et installation pour le dosage et mélange automatique et stérile d'infusions

Publication

EP 2236199 B1 20120530 (DE)

Application

EP 10158580 A 20100331

Priority

CH 5372009 A 20090401

Abstract (en)

[origin: EP2236199A2] The method involves turning a mixing container (24) from a robot gripper on a scale mixer (17) in a mixing chamber (10), and measuring and storing weight of the mixing container in a computer (6). Contents of a mixing vessel are received by a robot nozzle (16) by retracting a suction piston. The contents of the mixing vessel are delivered into an infusion bottle (20) suspended at a carousel by moving the suction piston. Reactant bottles (3) and the mixing vessel are held by the robot gripper and cleaned by holes in the mixing chamber. An independent claim is also included for a device for automatic dosing and mixing of active substances for preparing patient-oriented infusions.

IPC 8 full level

B01L 1/00 (2006.01); **A61J 1/20** (2006.01); **B01F 11/00** (2006.01)

CPC (source: EP)

B01F 33/85 (2022.01); **A61J 1/20** (2013.01); **A61J 3/002** (2013.01)

Cited by

EP4344695A3; CN113939581A; CN115487716A; CN104602665A; WO2021058616A1; WO2019217864A1; US11497685B2; US11801199B2

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)

EP 2236199 A2 20101006; EP 2236199 A3 20101020; EP 2236199 B1 20120530; CH 700740 A2 20101015

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EP 10158580 A 20100331; CH 5372009 A 20090401