

Title (en)

Automated pharmacy admixture system (APAS)

Title (de)

Automatisiertes Arzneimittelzubereitungssystem (APAS)

Title (fr)

Système de mélange automatisé de produits pharmaceutiques (APAS)

Publication

EP 2457550 B1 20160413 (EN)

Application

EP 11008865 A 20060426

Priority

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- US 31679505 A 20051222
- US 2005046978 W 20051222
- US 38999506 A 20060327

Abstract (en)

[origin: EP2465483A1] In a preferred embodiment, an automated Pharmacy Admixture System (APAS) may include a manipulator (322) system to transport medical containers such as bags, vials, or syringes in a compounding chamber regulated to a pressure below atmospheric pressure. In a preferred implementation, the manipulator system is configured to grasp and convey syringes (1106), IV bags (1102), and vials (1104) of varying shapes and sizes from a storage system in an adjacent chamber regulated at a pressure above atmospheric pressure. Various embodiments may include a controller adapted to actuate the manipulator system to bring a fill port of an IV bag (1102), vial (1104), or syringe (1106) into register with a filling port at a fluid transfer station in the chamber. A preferred implementation includes a sanitization system that can substantially sanitize a bung on a fill port of a vial (1104) or IV bag in preparation for transport to the fluid transfer station.

IPC 8 full level

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CPC (source: EP US)

A61J 3/002 (2013.01 - EP US); **B65B 3/003** (2013.01 - EP); **B65B 31/02** (2013.01 - EP); **B65B 55/16** (2013.01 - EP); **B65B 59/001** (2019.05 - EP US); **B65B 59/003** (2019.05 - EP US); **G07F 11/44** (2013.01 - EP); **G07F 17/0092** (2013.01 - EP); **A61J 1/20** (2013.01 - EP)

Citation (opposition)

Opponent : Swisslog Italia s.p.a.

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- GB 1168263 A 19691022 - HOBBS JAMES C II [US]
- US 4842028 A 19890627 - KAUFMAN STEPHEN B [US], et al
- US 5341854 A 19940830 - ZEZULKA BOHUSLAV J [CA], et al
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