Title (en)

MOBILE DISPENSING SYSTEM FOR MEDICAL ARTICLES

Title (de)

MOBILES AUSGABESYSTEM FÜR MEDIZINISCHE ARTIKEL

Title (fr)

SYSTÈME DE DISTRIBUTION MOBILE POUR DES ARTICLES MÉDICAUX

Publication

EP 2973367 A4 20161228 (EN)

Application

EP 14775023 A 20140313

Priority

- US 201361780698 P 20130313
- US 2014026823 W 20140313

Abstract (en)

[origin: WO2014160489A1] A mobile dispensing cart having a plurality of locked drawers has medical articles stored therein for particular patients. The storage drawers have sizes wherein the resonant frequency of the sizes does not match the frequency of operation of the RFID system of the cart. Faraday cages and enclosures are used in the storage areas that provide robust RFID fields for exciting and reading RFID tags. An HCP for a particular patient obtains access to the drawers and opens a drawer. An RFID scanning system takes an inventory of the cart after the drawer is closed to determine if any medical article was taken, and if so which one. The identified taken article is compared to the data base of medical articles stored in the cart for the patient and if the taken article does not match the patient data base, an alarm is provided.

IPC 8 full level

A61G 12/00 (2006.01); **G06Q 10/08** (2012.01); **G16H 20/13** (2018.01); **G16H 40/20** (2018.01)

CPC (source: EP US)

A61G 12/001 (2013.01 - EP US); **G06Q 10/087** (2013.01 - EP); **G16H 20/13** (2017.12 - EP US); **G16H 40/20** (2017.12 - EP US); A61J 2205/60 (2013.01 - EP)

Citation (search report)

- [IY] US 8384545 B2 20130226 - HUSSAIN SHARIQ [US], et al
- [YA] US 8341041 B2 20121225 - HULL CHRISTOPHER [US]
- [A] US 2008077274 A1 20080327 - KIM JUN HO [KR]
- [A] US 2008172253 A1 20080717 - CHUNG WAI YEE JOANNE [HK], et al
- [A] US 2010079240 A1 20100401 - HIGHAM JOHN [US]
- See references of WO 2014160489A1

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

DOCDB simple family (publication)

WO 2014160489 A1 20141002; CA 2905060 A1 20141002; CA 2905060 C 20240102; EP 2973367 A1 20160120; EP 2973367 A4 20161228

DOCDB simple family (application)

US 2014026823 W 20140313; CA 2905060 A 20140313; EP 14775023 A 20140313