

Title (en)
Automatic storage system for pharmacies

Title (de)
Automatisches Aufbewahrungssystem für Apotheken

Title (fr)
Système de stockage automatique pour pharmacies

Publication
EP 2420980 A1 20120222 (EN)

Application
EP 11176621 A 20110804

Priority
IT BO20100517 A 20100806

Abstract (en)

The automatic storage system for pharmacies comprises medicine containment means (7) arranged at a storage zone (4) and means (8) for gripping and releasing said medicines arranged in vicinity of the storage zone (4), suitable to be actuated to access the containment means (7). Automatic recognition and identification means (94) are arranged in a medicine identification station (92), accessible to the grip and release means (8). Transporting and singling means (9) are suitable to receive the medicines from the grip and release means (8) and to transport the same medicines to at least one delivery station (10), as well as to receive from load means the medicines to be stored in said containment means (7) and to supply the same medicines to be stored to said grip and release means (8).

IPC 8 full level
G07F 11/60 (2006.01)

CPC (source: EP US)
G07F 11/165 (2013.01 - EP US); **G07F 11/1657** (2020.05 - EP); **G07F 11/46** (2013.01 - EP); **G07F 11/60** (2013.01 - EP);
G07F 17/0092 (2013.01 - EP)

Citation (search report)

- [I] WO 2009086217 A2 20090709 - SAFEACCESS LLC [US], et al
- [I] EP 1939823 A1 20080702 - JVM CO LTD [KR]
- [A] US 2008272138 A1 20081106 - ROSS GRAHAM [US], et al
- [A] US 2005240305 A1 20051027 - BOGASH ROBERT C [US], et al
- [A] US 2010089997 A1 20100415 - CARSON BRADLEY [US], et al
- [A] US 5593267 A 19970114 - MCDONALD SEAN C [US], et al
- [A] US 2008302815 A1 20081211 - GUERRA LAWRENCE E [US]

Citation (examination)
US 2007284442 A1 20071213 - HERSKOVITZ MICHAEL [US]

Cited by
CN110881812A; CN113823042A; CN103984346A; WO2023020213A1; WO2023004876A1; US10029856B2; US10315851B2; US10850926B2;
US11694782B2

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)
EP 2420980 A1 20120222; IT 1401267 B1 20130718; IT BO20100517 A1 20120207

DOCDB simple family (application)
EP 11176621 A 20110804; IT BO20100517 A 20100806