

# AI Patent Idea

## Search and Assessment Report

Report No.:	PS202009070811
Title:	TAMPER-PROOF PILL DISPENSING SYSTEM AND METHODS OF USE
User Name:	InnoAlbator Limited
Search Date:	07 - 09 - 2020

Search Tools

USPTO Patent Full Text Database

Google Patents

Abstract from user

A pill dispensing system and associated methods are configured for managing the distribution of pills to a patient. In at least one embodiment, an at least one tamper-proof pill storage container provides an at least one pill magazine positioned within a housing of the pill storage container and configured for storing and selectively dispensing a plurality of pills through a pill outlet provided by the housing. A patient application, residing in memory on an at least one patient device under the control of the patient, is in selective communication with the at least one pill storage container. An at least one monitoring device is in selective communication with the patient application, the at least one monitoring device configured for assisting the patient application with monitoring an...

Natural Language Color Totem

Most relevant words are shown



The color of words means:

Deep Red: Query keywords included in document and in major clusters;

Red: Query keywords, that are more important, included in document and in major clusters;

Yellow: (If exists) Query keywords included in document but not in major clusters;

The search is on patents from 1990 - 2020.

### Search Result

No. of similar documents 258

### Top 10 similar documents

No	Type	Patent Number	Major Applicant	Date	Total Similarity
1	E	US10426707	Hsu; John	October 1, 2019	1.92
2	E	US10588824	Hsu; John	March 17, 2020	1.92
3	Y	US10299992	Mullen; Stephen J.	May 28, 2019	1.29
4	Y	US9511924	Crawford; Robert J.	December 6, 2016	1.26
5	Y	US8469194	Johnson; Larry	June 25, 2013	1.26
6	Y	US8757382	Crawford; Robert J.	June 24, 2014	1.26
7	A	US9492355	Ratnakar; Nitesh	November 15, 2016	1.25
8	A	US9418207	Patton; Jim	August 16, 2016	1.24
9	Y	US10392181	Zonana; Moses	August 27, 2019	1.22
10	Y	US8727180	Zonana; Moses	May 20, 2014	1.22

### Document type of the similar patent (Focus on technical-based patents only)

- A Technical background document, i.e. documents with technical points included in search query.
- E Single document coinciding search query, opposing innovation of the idea.
- P Intermediate document between date of application of search query and demanded priority date.
- X Single document depended by search query, affecting innovation or creativity of the idea.
- Y Document in a group, with the same type of documents, affecting innovation or creativity of the idea.
- R Document with the same inventional idea from the search query, with the same applicant or others.

### Feedback and Suggestion

By our search result, we conclude some feedback and suggestions for reference.

From PRC and US patent databases, the patent idea matches one or more patents in database, and further improvements need to be done to increase the chance your patent idea will be approved as a patent application.

If you have any questions, suggestions, modification and other business needs, or you need recommendation on intellectual property service, please contact us by E-Mail [info@innoaibator.com](mailto:info@innoaibator.com).

### Disclaimer

The results are for reference only. Please do not distribute these results to unauthorized person to protect confidential information. Please do not use the results commercially, we will not be responsible for any loss and damages suffered by customers.

Notes

- (1) Thank you for participating in the free user experience activity for our “Patent Idea Search & Assessment” service.
- (2) To keep on using our service, please feel free to visit our website for user registration and purchase the One-time Coupon (<https://innoalinator.com/product/startup-service-1/?lang=en>).
- (3) The “Patent Idea Search & Assessment” service is a free user experience activity sponsored by Allotrope Capital Limited.
- (4) The organizer reserves the right to change the Terms and Conditions of the Event. If any disputes, the organizer reserves the right to make a final decision.

# 人工智能专利构思检索及评核报告

报告篇号:	PS202009070811
标题:	防篡改药丸分配系统和使用方法
用户名称:	InnoAlbator Limited
检索日期:	07 - 09 - 2020

检索工具

USPTO Patent Full Text Database

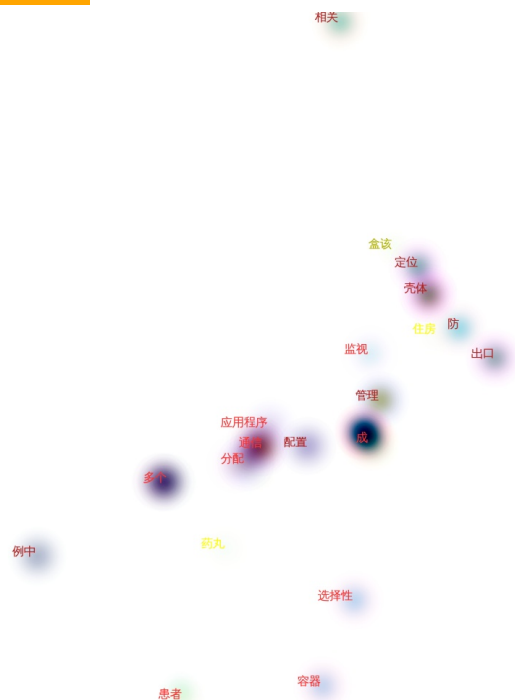
Google Patents

## 用户专利摘要

药丸分配系统和相关方法被配置为管理药丸向患者的分配。在至少一个实施例中，至少一个防篡改药丸存储容器提供至少一个药丸盒，该药丸盒定位在药丸存储容器的壳体内，并构造成用于通过由药丸提供的药丸出口来存储和选择性地分配多个药丸。住房。在患者的控制下，驻留在至少一个患者设备上的存储器中的患者应用程序与至少一个药丸存储容器选择性地连通。至少一个监视设备与患者应用选择性地通信，该至少一个监视设备被配置为辅助患者应用监视患者的至少一个生命。

## 自然语言彩色图腾表示

## 显示最相关词



### 词组颜色代表:

深红色: 查询的关键词处于文件中及主题模型的主集群中。

红色: 查询的关键词处于文件中及主题模型的主集群中，并且是重要词。

黄色: (若有) 查询的关键词处于文件中，但不在主题模型的主集群中。

此专利搜索介乎2004 - 2020年的专利。

### 搜索结果

相关专利数量

370

### 最相关专利

序号	类型	专利号	申请人	公开日	相似度
1	A	CN110312500A	R · G · 佩蒂特	2019-10-08	1.14
2	A	CN110753534A	A · 琼斯	2020-02-04	1.11
3	A	CN103418075A	J · R · 克泽罗斯基	2013-12-04	1.07
4	A	CN107438395A	阿什利 · B · 汉考克	2017-12-05	1.06
5	A	CN107154042A	刘小燕	2020-02-21	1.04
6	A	CN106456445A	R · B · 穆勒	2019-11-15	1.03
7	A	CN108025823A	A · 沃尔夫	2019-12-27	1.0
8	A	CN107499541A	倪雨阳	2017-12-22	1.0
9	A	CN106458425A	D. W. 巴曼	2017-02-22	0.99
10	A	CN107512415A	倪雨阳	2017-12-26	0.97

### 引用文件的专用类型：（仅针对含有技术方案的检索文本）

- A 背景技术文件，即反映技术方案的部分技术特征或者有关的现有技术的一部分的文件。
- E 单独影响技术方案新颖性的抵触申请文件。
- P 中间文件，其公开日在申请的申请日与所要求的优先权日之间的文件，或者会导致需要核实该申请优先权的文件。
- X 单独影响技术方案的新颖性或创造性的文件。
- Y 与该检索报告中其他Y类文件组合影响技术方案创造性的文件。
- R 在申请日或申请日后公开的同一申请人的属于同样的发明创造的专利或专利申请文件以及他人在申请日向专利局提交的、属于同样的发明创造的专利申请文件。

### 建议及反馈

根据搜索结果，现提出以下建议以供参考：

在中国或美国的专利库中，有明确冲突的专利，需修改专利内容，以提高专利申请审批的机会。

如需要推荐知识产权服务公司，请电邮到 [info@innoaibator.com](mailto:info@innoaibator.com)。

### 免责声明

以上搜索结果只供参考。为免机密信息泄漏，请勿向未经授权人士公开结果。请勿将结果用于商业用途，如有任何损失，本司绝不负责。

备注

- (1) 感谢参与是次免费的『专利构思检索及评核』用户体验活动。
- (2) 如欲继续使用，欢迎浏览我们网站进行用户注册，并购买一次性使用券 (<https://innoaibator.com/product/startup-service-1/>)。
- (3) 是次免费用户体验活动由『碳钻基金』赞助。
- (4) 主办单位保留更改活动条款及细则之权利。如有任何争议，主办单位保留最终决定权。