

PATENT SUMMARY

System and Method for Testing for COVID-19

Patent	US-2020279585-A1
Inventor	ROTHSCHILD RICHARD A (GB)
Assignee	ROTHSCHILD RICHARD A (GB)
Date	Priority 2015/10/13

This web page summarizes information in PubChem about patent US-2020279585-A1. This includes chemicals mentioned, as reported by PubChem contributors, as well as other content, such as title, abstract, and International Patent Classification (IPC) codes. To read more about how this page was constructed, please visit the [PubChem patents help page](#).

PubChem

Cite Download

CONTENTS

- Title and Summary
- 1 Abstract
- 2 Full Text
- 3 Important Dates
- 4 Inventor
- 5 Assignee
- 6 Linked Chemicals
- 7 Linked Proteins
- 8 Linked Genes
- 9 Patent Family
- 10 Classifications
- 11 Cited By
- 12 Similar Patents
- 13 Information Sources

1 Abstract

A method is provided for acquiring and transmitting biometric data (e.g., vital signs) of a user, where the data is analyzed to determine whether the user is suffering from a viral infection, such as COVID-19. The method includes using a pulse oximeter to acquire at least pulse and blood oxygen saturation percentage, which is transmitted wirelessly to a smartphone. To ensure that the data is accurate, an accelerometer within the smartphone is used to measure movement of the smartphone and/or the user. Once accurate data is acquired, it is uploaded to the cloud (or host), where the data is used (alone or together with other vital signs) to determine whether the user is suffering from (or likely to suffer from) a viral infection, such as COVID-19. Depending on the specific requirements, the data, changes thereto, and/or the determination can be used to alert medical staff and take corresponding actions.

Google Patents

2 Full Text

USPTO

<http://appft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&p=1&u=/netahtml/PTO/srchnum.html&r=1&f=G&l=50&d=PG01&s1=20200279585.PGNR>

PubChem

Google

<https://patents.google.com/patent/US20200279585A1>

Google Patents

3 Important Dates

3.1 Priority Date

2015/10/13

Google Patents

3.2 Filing Date

2020/05/17

Google Patents

3.3 Publication Date

2020/09/03

Google Patents

4 Inventor

ROTHSCHILD RICHARD A (GB)

Google Patents

5 Assignee

ROTHSCHILD RICHARD A (GB)

Google Patents

6 Linked Chemicals

6.1 PubChem Compounds

PubChem

6.2 PubChem Substances

PubChem

7 Linked Proteins

PubChem

8 Linked Genes

PubChem

9 Patent Family

US-11024339-B2
US-2020279585-A1
US-2021257004-A1

Google Patents

10 Classifications

10.1 IPC

G11B27/10 (inventive, first)
G06K9/00 (inventive)
H04N9/82 (inventive)
G11B27/031 (inventive)
G16H40/63 (inventive)
H04N5/76 (inventive)

Google Patents

10.2 CPC

H04N5/76 (inventive)
H04N9/8205 (inventive)
G16H40/63 (inventive)
G16H50/20 (inventive, first)
G16H40/67 (inventive)
G11B27/031 (inventive)
G11B27/10 (inventive, first)
H04N9/8205 (inventive)
G06K2009/00939
G11B27/102 (inventive)
H04N5/76 (inventive)
G16H40/63 (inventive)
G06K9/00892 (inventive)
H04N9/8205 (inventive)
G11B27/10 (inventive, first)
G06K2009/00939
G16H40/63 (inventive)
G11B27/102 (inventive)
H04N5/76 (inventive)
G06K9/00892 (inventive)
G11B27/031 (inventive)

Google Patents

11 Cited By

US-10991185-B1 (APP)
US-10991190-B1 (APP)

Google Patents

12 Similar Patents

US-10910016-B2	US-2014195166-A1	US-2021316185-A1
US-9712629-B2	US-2014306821-A1	WO-2020214699-A1
JP-6827018-B2	US-10835168-B2	WO-2020214730-A1
US-10983945-B2	US-2013245396-A1	
US-8849610-B2	US-2015082408-A1	
US-8775120-B2	AU-2012267525-A1	
US-2016103970-A1	CN-108574701-A	
US-9069380-B2	US-2021005224-A1	
US-2021257004-A1	US-2021265055-A1	

Google Patents

13 Information Sources

- Google Patents**
 LICENSE
 "Google Patents Research Data" by Google, based on data provided by IPI CLAIMS Patent Services and OntoChem, is licensed under a Creative Commons Attribution 4.0 International License.
<https://creativecommons.org/licenses/by/4.0/legalcode>
<https://patents.google.com/patent/US20200279585A1>
- PubChem**
<https://pubchem.ncbi.nlm.nih.gov>