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US2020279585 (A1)

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Bibliografische gegevens: US2020279585 (A1) — 2020-09-03

★ In mijn octrooielijst



Meld fout in gegevens



Print

System and Method for Testing for COVID-19

Rechter muisklik om favoriet te maken [US2020279585 \(A1\)](#) - [System and Method for Testing for COVID-19](#)

Uitvinder(s): ROTHSCHILD RICHARD A [GB] ±

Aanvrager(s): ROTHSCHILD RICHARD A [GB] ±

Classificatie: - internationaal: [G06K9/00](#); [G11B27/031](#); [G11B27/10](#); [G16H40/63](#); [H04N5/76](#); [H04N9/82](#)

- cooperative: [G06V40/70 \(US\)](#); [G11B27/031 \(US\)](#); [G11B27/10 \(US\)](#); [G11B27/102 \(US\)](#); [G16H40/63 \(EP, US\)](#); [G16H40/67 \(EP\)](#); [G16H50/20 \(EP\)](#); [H04N5/76 \(EP, US\)](#); [H04N9/8205 \(EP, US\)](#); [G06V40/15 \(US\)](#)

Aanvraagnummer: US202016876114 20200517  [Global Dossier](#)

Prioriteitsnummer(s): US202016876114 20200517 ; [US201916704844 20191205](#) ; [US201916273141 20190211](#) ; [US201715495485 20170424](#) ; [US201615293211 20161013](#) ; [US201562240783P 20151013](#)

Ook gepubliceerd als:  [US11024339 \(B2\)](#)  [US2021257004 \(A1\)](#)

Samenvatting van US2020279585 (A1)

Vertaal deze tekst 

Nederlands



patenttranslate

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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.