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## 2550188 DIGESTIVE PROFILING SYSTEM

Per page: 10

GB - 15.11.2017

Machine translation

Applicant FOODMARBLE DIGESTIVE HEALTH LTD Inventor AONGHUS SHORTT Int.Class G01N 33/497 Appl.No 201608365

A digestive profiling system and method comprises a breath analysis device and a remote user interface device. The breath analysis device comprises a breath sample inlet, a gas sensor arranged to measure the amount of a gas in the breath sample, and a first communication interface arranged to transmit a plurality of gas measurements. The remote user interface device comprises a second communication interface arranged to receive the gas measurements, a storage module for storing the gas measurements and a display arranged to display information to the user based on the stored gas measurements. The remote user interface device is remote from the breath analysis device. The remote user interface device may include a user interface which allows the user to identify a food substance to associate with a gas measurement. A ranking module may determine a suitability score for each food. The gas sensor may measure hydrogen.

1/1

## 2. 3455623 DIGESTIVE PROFILING SYSTEM

EP - 20.03.2019

Appl.No 17723115 Applicant FOODMARBLE DIGESTIVE HEALTH LTD Inventor SHORTT AONGHUS Int.Class <u>G01N 33/497</u>

A digestive profiling system comprises a breath analysis device comprising an inlet arranged to receive a breath sample from a user, a gas sensor arranged to generate a gas measurement of an amount of gas in the breath sample, and a first communication interface arranged to transmit a plurality of gas measurements generated by the gas sensor. The system further comprises a remote user interface device. The remote user interface device comprises a second communication interface arranged to receive the gas measurements generated by the gas sensor, a storage module arranged to store the received gas measurements, and a display arranged to display information to the user based on the stored gas measurements. The remote user interface device is remote from the breath analysis device.

## 3. 20190178868 DIGESTIVE PROFILING SYSTEM

US - 13.06.2019

Int.Class G01N 33/497 Appl.No 16301140 Applicant FoodMarble Digestive Health Ltd. Inventor Aonghus Shortt

A digestive profiling system comprises a breath analysis device comprising an inlet arranged to receive a breath sample from a user, a gas sensor arranged to generate a gas measurement of an amount of gas in the breath sample, and a first communication interface arranged to transmit a plurality of gas measurements generated by the gas sensor. The system further comprises a remote user interface device. The remote user interface device comprises a second communication interface arranged to receive the gas measurements generated by the gas sensor, a storage module arranged to store the received gas measurements, and a display arranged to display information to the user based on the stored gas measurements. The remote user interface device is remote from the breath analysis device.

## 4. W0/2017/194774 DIGESTIVE PROFILING SYSTEM

WO - 16.11.2017

Int.Class <u>G01N 33/497</u> Appl.No PCT/EP2017/061532 Applicant FOODMARBLE DIGESTIVE HEALTH LTD. Inventor SHORTT, Aonghus

A digestive profiling system comprises a breath analysis device comprising an inlet arranged to receive a breath sample from a user, a gas sensor arranged to generate a gas measurement of an amount of gas in the breath sample, and a first communication interface arranged to transmit a plurality of gas measurements generated by the gas sensor. The system further comprises a remote user interface device. The remote user interface device comprises a second communication interface arranged to receive the gas measurements generated by the gas sensor, a storage module arranged to store the received gas measurements, and a display arranged to display information to the user based on the stored gas measurements. The remote user interface device is remote from the breath analysis device.