

DEVICE AND METHOD FOR INTAKE MONITORING

ABSTRACT

The invention consists in a method of transparent monitoring of the intake, a monitoring device and a method to associate overall weight variations to individual containers.

Transparent monitoring is that where the guest has meals in the most possible similar way to a situation in the absence of monitoring. This is a historical challenge for intake monitoring.

The present invention proposes a method and a device for the transparent intake monitoring. A solution for the transparent monitoring of the intake is achieved because the method can, at any moment, automatically associate the weight variation, detected by a sole measurement in a containers bearing surface, to the container where it was originated.

The invention also comprises a monitoring device specifically designed for this kind of measurements and association.

APPLICATIONS

- Biomedicine and biomedical technologies (nutritional state, diet quality, obesity and related chronic diseases such as diabetes, ischemic, cardiopathy, hypertension, stroke, colon and breast cancer, etc.)
- Electronics.
- Information and communication technologies.

DEVICE AND METHOD FOR INTAKE MONITORING

TECHNOLOGICAL OFFER

DEVELOPMENT STATUS

Developed

IP STATUS

Spanish Patent granted

AVAILABLE FOR

- Exclusive license agreement
- Non-exclusive license agreement
- Further research or development

INDUSTRIAL PROPERTY

Spanish Patent **ES 2353711 B2**

INNOVATIVE ASPECTS AND ADVANTAGES

- Objectivity and accuracy.
- Avoid guest subjectivity and effort to fill forms to record data.
- Allow the guest to interact arbitrarily with the containers (number, position) in a natural way.
- All food or drink containers are on a common surface.
- Identify the container, among others, changing the weight and its variation.
- Measure changes at any time, adding or removing, not only at the beginning and ending.
- Identify placement of a new object or replacement of an existing one.

CONTACT

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