

Title (en)

ENVIRONMENTAL PARAMETER INDICATOR FOR PERISHABLE GOODS

Title (de)

ANZEIGER FÜR UMWELTPARAMETER FÜR VERDERBLICHE WAREN

Title (fr)

INDICATEUR DE PARAMETRE DE MILIEU AMBIANT POUR DENREES PERISSABLES

Publication

**EP 1456607 A1 20040915 (EN)**

Application

**EP 02770643 A 20021022**

Priority

- EP 02770643 A 20021022
- EP 01129831 A 20011214
- US 0233741 W 20021022

Abstract (en)

[origin: EP1319928A1] An electronic device is proposed for accompanying a perishable good during one period to monitor the exposure of the good to an environmental parameter, such as temperature. The device includes a data interface for receiving data representing the exposure of the good to the environmental parameter during an immediately preceding period. It further includes a sensor for measuring the environmental parameter. Also, the device includes a processor for using a relationship specific to the good (such an Arrhenius equation for that good) to compute a characteristic of the good at the end of the one period using the received data and the output of the sensor. The device further includes a memory for recording the output of the sensor. To economise on memory usage, data is stored at a faster rate during periods when the data is of most significant (e.g. it indicates a high temperature). A switch is provided for indicating that data should not be taken into account in the computation, during a short interval, in which for example the device may be being handled. <IMAGE>

IPC 1-7

**G01D 9/00; G01K 3/04**

IPC 8 full level

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CPC (source: EP KR US)

**G01D 9/00** (2013.01 - KR); **G01D 9/007** (2021.05 - EP KR US); **G01K 3/04** (2013.01 - EP KR US); **G06F 17/00** (2013.01 - KR); **G07C 3/00** (2013.01 - KR)

Citation (search report)

See references of WO 03052354A1

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