

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
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• 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
A61J 3/00 (2006.01); **C12G 1/00** (2006.01); **G01D 9/00** (2006.01); **G01K 3/04** (2006.01); **G01N 17/00** (2006.01)

CPC (source: EP KR US)
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