

## Title (en)

DEVICE FOR MONITORING THE TEMPERATURE AND HUMIDITY OF ENCLOSED SPACES IN THE AREA OF CLINICAL RESEARCH AND THE SALE OF PHARMACEUTICALS

## Title (de)

VORRICHTUNG ZUR KLIMAÜBERWACHUNG VON UMSCHLOSSENEN RÄUMEN IM BEREICH DER KLINISCHEN FORSCHUNG UND DES VERTRIEBS VON PHARMAZEUTIKA

## Title (fr)

DISPOSITIF DE SURVEILLANCE CLIMATIQUE D'ESPACES FERMÉS DANS LE DOMAINE DE LA RECHERCHE CLINIQUE ET DE LA VENTE DE PRODUITS PHARMACEUTIQUES

## Publication

**EP 2215538 A2 20100811 (DE)**

## Application

**EP 08758048 A 20080505**

## Priority

- DE 2008000790 W 20080505
- DE 202007006637 U 20070504

## Abstract (en)

[origin: WO2009024106A2] 1. Device and method for monitoring air conditioning units and medicinal drugs and biological samples, stored therein. 2.1 It is an object of the present invention to monitor air conditioning units especially in clinical research and the sale of pharmaceuticals, so that not only the air conditioning units are monitored to ensure that the permissible temperature and humidity are maintained, but also the objects stored therein with their optionally deviating tolerances. Aside from alarm messages when measured values are exceeded or not attained, a further objective is the automatic, objective oriented, comprehensive forward projection of the measurement protocol. 2.2 A sensor, which is connected over a cable with a communication unit, is added to each air conditioning unit. The measured values detected are sent by the communication unit to a computer and assembled there for a comprehensive history of the measured values for all objects. 2.3 with the inventive device and the method, comprehensive measurement value protocols can be produced for all objects participating in a clinical study and the medicinal drugs for sale can be monitored automatically without a gap.

## IPC 8 full level

**G05D 23/19** (2006.01); **H04Q 9/00** (2006.01)

## CPC (source: EP)

**G05D 23/19** (2013.01); **H04Q 9/00** (2013.01); **H04Q 2209/40** (2013.01); **H04Q 2209/823** (2013.01)

## Citation (search report)

See references of WO 2009024106A2

## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA MK RS

## DOCDB simple family (publication)

**DE 202007006637 U1 20070809**; DE 112008001739 A5 20100422; DE 202008018498 U1 20140929; EP 2215538 A2 20100811; WO 2009024106 A2 20090226; WO 2009024106 A3 20100211

## DOCDB simple family (application)

**DE 202007006637 U 20070504**; DE 112008001739 T 20080505; DE 2008000790 W 20080505; DE 202008018498 U 20080505; EP 08758048 A 20080505