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- (72) **Inventors; and**
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- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,

BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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- (54) **Title:** INDICATOR FOR THE QUALITY OF A PRODUCT

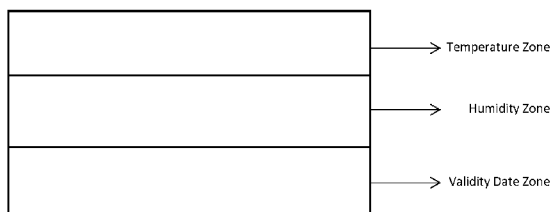


Figure (1) shows chemical poster for suitable product



Figure (2) shows chemical poster for not suitable product

- (57) **Abstract:** summary Poster quality of codified standards for medical, food or industrial product which consist of chemical material that Influenced by surrounding factors such as temperature, humidity and expiration, where the ratio of the chemical material of the poster is adjusted depending on the product type and the extent of its vulnerability to these factors. The change of poster color indicates of exceed standards.



INDICATOR FOR THE QUALITY OF A PRODUCT

Description**Background:**

Chemical invention, where is the current situation indicates that some of the products facing poor storage or a non-good transportation without knowing these problems either for the product owner or for the consumers ,which may lead to health problems or environmental.

Global description:

Poster quality of codified standards for medical ,food or industrial product which consist of chemical material that Influenced by surrounding factors such as temperature ,humidity and expiration , where the ratio of the chemical material of the poster is adjusted depending on the product type and the extent of its vulnerability to these factors. The change of poster color indicates of exceed standards.

CLAIMS

- 1- Chemical poster featuring By automatic monitoring of the quality of materials that affected by heat, humidity or expiration.
- 2- Changing of poster color based on the interaction of chemical material inside the poster when it is influenced by temperature , humidity and expiration.
- 3- Adjust the ratio of the permittivity of the product which has been exposed to heat and humidity just based on consumed of material Characteristics.

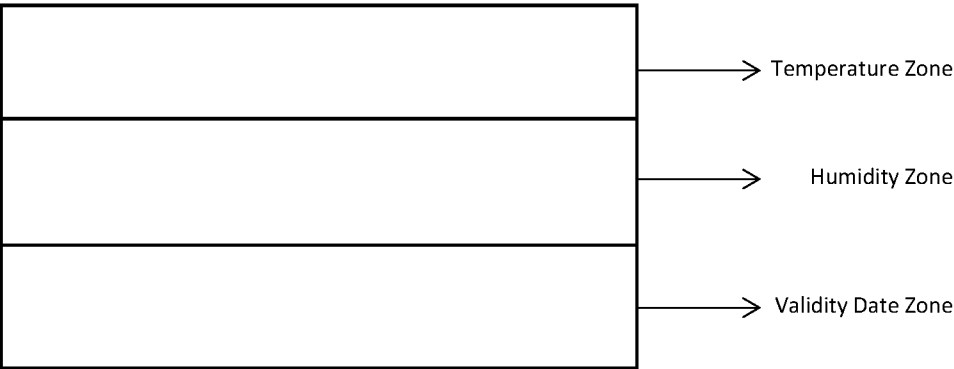


Figure (1) shows chemical poster for suitable product

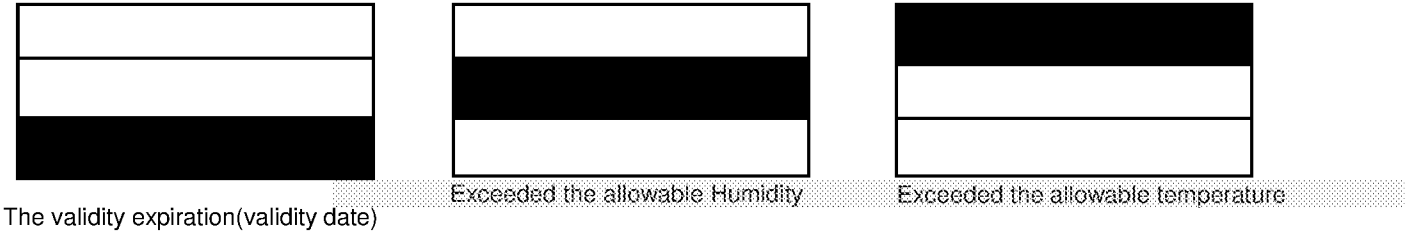


Figure (2) shows chemical poster for not suitable product

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2015/050273

A. CLASSIFICATION OF SUBJECT MATTER

INV. G01D7/00 G04F13/04
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G04F G07C G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 2 803 369 A1 (SYMRISE AG [DE]) 19 November 2014 (2014-11-19) paragraph [0014] - paragraph [0022] paragraph [0035] - paragraph [0042] -----	1-3
X	US 2015/004706 A1 (NAIR MRIDULA [US] ET AL) 1 January 2015 (2015-01-01) paragraph [0105] - paragraph [0111] paragraph [0173] -----	1-3
X	US 2006/145863 A1 (MARTIN JEAN-PAUL [GB] ET AL) 6 July 2006 (2006-07-06) paragraph [0025] - paragraph [0030] paragraph [0045] - paragraph [0050] figures 1-2 -----	1-3



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 2803369	A1	19-11-2014	EP	2803369 A1		19-11-2014
			WO	2014184100 A1		20-11-2014

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			WO	2014209710 A2		31-12-2014

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			US	2006145863 A1		06-07-2006
			WO	2006068999 A2		29-06-2006
