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(54) Title: FULL HISTORY TIME-TEMPERATURE INDICATOR SYSTEM

(57) Abstract: A full-history time-temperature indicator system which is capable of exhibiting a time-temperature dependent and visually detectable chemical reaction, useful for monitoring the time and temperature exposure of food products. The system comprises an immobilised reactant, such as Fe^{3+}, and a mobile reactant, such as $Fe(CN)_6^{4-}$, initially contained in separate compartments, and separated by a sealing. The system is activated by removing a sealing between the compartments whereby the mobile reactant in a time-temperature dependent manner is brought into contact with the immobilised reactant resulting in a visually detectable reaction signal.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N31/22

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)
IPC 7 G01N G01K

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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 045 283 A (G. N. PATEL) 3 September 1991 (1991-09-03) the whole document ---	1-9, 22-34
A	GB 2 151 784 A (DRAGERWERK AKTIENGESELLSCHAFT) 24 July 1985 (1985-07-24) the whole document ---	1-34
A	EP 0 484 578 A (LIFELINES TECHNOLOGY IN.) 13 May 1992 (1992-05-13) the whole document ---	1-34
A	US 5 053 339 A (G. PATEL) 1 October 1991 (1991-10-01) the whole document ---	1-34
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[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040. Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Griffith, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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