

Title (en)

METHODS AND DEVICES FOR DETECTING SPOILAGE IN FOOD PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM NACHWEIS DES VERDERBENS VON LEBENSMITTELN

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION DE LA DEGRADATION DE PRODUITS ALIMENTAIRES

Publication

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Application

EP 97946515 A 19971104

Priority

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Abstract (en)

[origin: WO9820337A1] The present invention pertains to methods and devices for detecting spoilage of a food product. The method involves placing a spoilage indicator device including a barrier sheet in fluid contact with a food product. The method also involves allowing any reactant molecule of a predetermined size produced in the food product by spoilage to traverse the barrier sheet to contact a carrier of the device and to react with a pH indicator material therein. The method further provides observing the spoilage indicator to determine whether the detectable change has occurred in the pH indicator material. The detectable change indicates a build-up of the reactant molecule in the food product and therefore is indicative of spoilage.

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Citation (search report)

- [PY] CA 2184677 A1 19970305 - GOMARIZ ANTONIO JUAN MANUEL [AR]
- [PY] US 5633836 A 19970527 - LANGER ROBERT [US], et al
- [A] FR 2710751 A1 19950407 - ATCO [FR]
- See references of WO 9820337A1

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