

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

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Application

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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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