

Title (en)

METHOD AND DEVICE FOR DETECTING A LEAK IN PACKAGING

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ERKENNUNG EINES LECKS IN VERPACKUNG

Title (fr)

METHODE ET DISPOSITIF POUR DETECTER UNE FUITE DANS UN CONDITIONNEMENT

Publication

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Application

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Abstract (en)

[origin: WO2006009442A2] The invention relates to a method for detecting a leak in a package at least partly filled with a gas, comprising the steps of exposing a package to a reduced pressure, measuring the concentration of the gas in the vicinity of the package, comparing the measured concentration to a limit value, and emitting a signal when the measured value exceeds the limit value. The concentration measurement does not herein have to take place simultaneously with the exposure to the reduced pressure, but a sample can for instance be taken from the vicinity of the package, the gas concentration of which sample is measured over a longer period of time. The invention further relates to a leak detecting device for performing this method, provided with means for exposing the package to a reduced pressure, means for measuring the concentration of the gas in the vicinity of the package, means connected to the measuring means for comparing the measured gas concentration to a limit value, and means connected to the comparing means for emitting a signal when the measured value exceeds the limit value. The measuring means can herein comprise an NDIR gas detector.

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