Title (en)

DEVICE AND METHOD FOR OPTICALLY DETECTING THE PRESENCE OF INGREDIENTS OF A POURABLE PRODUCT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR OPTISCHEN BESTIMMUNG VON INHALTSSTOFFEN EINES RIESELFÄHIGEN GUTES

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION OPTIQUE DE LA PRESENCE D'INGREDIENTS D'UN PRODUIT COULANT

Publication

EP 0906561 A1 19990407 (DE)

Application

EP 98919183 A 19980328

Priority

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- EP 9801837 W 19980328

Abstract (en)

[origin: DE19714115A1] The invention relates to a device and method for optically detecting the presence of ingredients of a pourable product by NIR-spectroscopy. In order to obtain reproducible measured results, the device is characterized in that the product flows in the direction of gravitational force, a valve (8) is fitted in the duct downs tream from the measuring window (6), and the valve can be moved into closed position by a control system, at least for the duration of measuring. The method is characterized in that the product flows in the direction of gravitational force past a measuring point, is retained downstream from the measuring point such that the flow comes to a standstill at the measuring point, and, after measuring, the product is removed from the banked-up stretch.

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G01N 1/20; G01N 21/35

IPC 8 full level

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CPC (source: EP US)

G01N 21/3563 (2013.01 - EP US); **G01N 21/359** (2013.01 - EP US); **G01N 21/85** (2013.01 - EP US); G01N 2021/8592 (2013.01 - EP US)

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