

Title (en)

DEVICES AND METHODS FOR ISOLATING AND DETECTING SPECIFIC SUBSTANCES IN COMPLEX MATRICES

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR ISOLIERUNG UND ZUM NACHWEIS SPEZIFISCHER SUBSTANZEN IN KOMPLEXEN MATRIZEN

Title (fr)

DISPOSITIFS ET PROCEDES POUR ISOLER ET DETECTER DES SUBSTANCES SPECIFIQUES DANS DES MATRICES COMPLEXES

Publication

EP 1463744 A4 20051026 (EN)

Application

EP 02805656 A 20021220

Priority

- US 0240991 W 20021220
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Abstract (en)

[origin: WO03054516A2] Methods and systems for determining the presence of one or more analytes in various types of matrices, such as foods, oils, biological fluids, etc. Membranes are used to remove extraneous matter (e.g., solid particles) and/or to bind specific interferents or analytes. Specific assays are provided for determining citric acid, total fat (or % fat), free fatty acids, protein content and specific nucleic acid content indicative of the presence of DNA and/or RNA of certain microbes (e.g., pathogens) or genetically altered substances (e.g., genetically engineered grain).

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C07H 19/00; **C12P 19/34**; **C07K 1/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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