Title (en)

METHOD FOR LABELLING A PRODUCT USING A PLURALITY OF POLYNUCLEOTIDES, METHOD FOR IDENTIFYING THE LABELLING AND LABELLED PRODUCT

Title (de)

VERFAHREN ZUR PRODUKTMARKIERUNG ANHAND MEHRERER POLYNUKLEOTIDE, VERFAHREN ZUR ERKENNUNG DER MARKIERUNG UND MARKIERTES PRODUKT

Title (fr)

PROCEDE DE MARQUAGE D'UN PRODUIT A L'AIDE D'UNE PLURALITE DE POLYNUCLEOTIDES, PROCEDE D'IDENTIFICATION DU MARQUAGE ET PRODUIT MARQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009136014A1] The present invention relates to a method for labelling a product, to a method for identifying the labelling and to a product labelled by means of the method of the invention. The labelling used in the present invention is based on single-stranded nucleic acids. The labelling method of the present invention comprises a step of addition of a plurality of single-stranded polynucleotides onto or into said product, said plurality of polynucleotides comprising: at least one target polynucleotide comprising a single-stranded polynucleotide of predetermined length and sequence, and decoy polynucleotides which have identical or different predetermined lengths and identical or different predetermined sequences, said decoy polynucleotides having a length or lengths identical to or different from and sequences different from the sequence of said, at least one, target polynucleotide, in which each of the target polynucleotide(s) and decoy polynucleotides does not hybridize with any of the other polynucleotides of said plurality of polynucleotides. The method of the invention makes it possible, for example, to label fragrances, cosmetics, hygiene products, food products, flavourings, extracts of a plant or plants, tobacco, beverages, textiles, leathers, medicaments, powders, varnishes, inks, hydrocarbons, papers, paints, and chemical products and compounds.

IPC 8 full level

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See references of WO 2009136014A1

Citation (examination)

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