

Title (en)

METHOD AND DEVICE FOR IDENTIFYING COMPLEX GAS, ODOUR AND AROMA PATTERNS OF A GIVEN SUBSTANCE USING MASS SPECTROSCOPY

Title (de)

VERFAHREN UND ANORDNUNG ZUM ERKENNEN KOMPLEXER GAS-, GERUCHS-AROMAMUSTER EINER JEWEILIGEN SUBSTANZ AUF DER BASIS DER MASSENSPEKTROSKOPIE

Title (fr)

PROCEDE ET DISPOSITIF POUR IDENTIFIER DES SPECIMENS COMPLEXES DE GAZ, DE SUBSTANCES ODORANTES OU D'AROMES D'UNE SUBSTANCE, PAR SPECTROSCOPIE DE MASSE

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Application

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Abstract (en)

[origin: DE19713194A1] The invention relates to a method and device enabling time-saving, comparative mass spectrographic analysis of serial samples corresponding to a reference, for example serial samples of a product, by conditioning by means of a reference sample and forming a pattern of a reduced number of fragment ions, said fragment ions having been selected from individual mass spectrums of the same separated by gas chromatography, and forming a pattern of a reference random sample from overall mass peak spectrograms of several reference samples reduced accordingly.

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