

Title (en)
METHODS FOR USING MASS SPECTROMETRY TO IDENTIFY AND CLASSIFY FILAMENTOUS FUNGI, YEASTS, MOLDS AND POLLEN

Title (de)
VERFAHREN ZUR IDENTIFIZIERUNG UND KLASSIFIZIERUNG VON SCHIMMELPILZEN, HEFEN UND POLLEN MITTELS
MASSENSPEKTROMETERIE

Title (fr)
PROCEDES D'UTILISATION DE LA SPECTROMETRIE DE MASSE DANS L'IDENTIFICATION ET LA CLASSIFICATION DE CHAMPIGNONS
FILAMENTEUX, DE LEVURES, DE MOISSISSURE ET DE POLLEN

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Abstract (en)
[origin: WO0192872A2] A method for the identification and classification of filamentous fungi, yeasts, molds, toxins produced by fungi, and pollen in air environmental and biological samples using genus, species and strain specific biomarkers is provided. The biomarkers can be generated using mass spectrometers and particularly by matrix assisted laser desorption ionization time-of-flight mass spectrometry (MALDI-TOF-MS) analyses of filamentous fungi, yeasts, molds, toxins produced by fungi, and pollen.

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Citation (search report)
See references of WO 0192872A2

Citation (examination)
• RYZHOV ET AL: "Rapid characterization of spores of Bacillus cereus group bacteria by matrix-assisted laser desorption-ionization time-of-flight mass spectrometry", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol. 66, no. 9, September 2000 (2000-09-01), pages 3828 - 3834
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• SHAH ET AL: "The application of matrix-assisted laser desorption/ionisation time of flight mass spectrometry to profile the surface of intact bacterial cells", MICROBIAL ECOLOGY IN HEALTH AND DISEASE, vol. 12, no. 4, November 2000 (2000-11-01), pages 241 - 246

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