

Title (en)

METHOD FOR RAPID AND ACCURATE IDENTIFICATION OF MICROORGANISMS

Title (de)

METHODE ZUR SCHNELLEN UND GENAUEN IDENTIFIZIERUNG VON MIKROORGANISMEN

Title (fr)

PROCEDE D'IDENTIFICATION RAPIDE ET PRECISE DE MICRO-ORGANISMES

Publication

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Application

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Abstract (en)

[origin: WO0136683A2] Methods and compositions useful for rapid identification of microorganisms are provided. Methods and compositions useful for rapid and simultaneous identification in a biological sample of multiple microorganisms, including bacteria, yeast, fungi and viruses are also provided. The methods and compositions utilize amplification techniques and sequence specific hybridization to detect species specific polynucleotide sequence in a sample. Novel methods for coupling oligonucleotide probes to glass surfaces with increased efficiency are also provided.

IPC 1-7

C12N 15/31; **C12Q 1/68**; **C12Q 1/70**; **B01J 19/00**; **C07K 14/195**

IPC 8 full level

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CPC (source: EP)

C12Q 1/6837 (2013.01); **C12Q 1/6858** (2013.01); **C12Q 1/686** (2013.01); **C12Q 1/689** (2013.01); **C12Q 1/70** (2013.01); **C12Q 2600/156** (2013.01); **C12Q 2600/16** (2013.01)

Citation (search report)

See references of WO 0136683A2

Citation (examination)

RAMSAY G.: "DNA chips: State-of-the art", NATURE BIOTECHNOLOGY, vol. 16, January 1998 (1998-01-01), pages 40 - 44, XP000198575

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