

Title (en)

DETECTION OF VOLATILE COMPOUNDS AS MARKERS FOR MYCOBACTERIA TUBERCULOSIS

Title (de)

NACHWEIS FLÜCHTIGER VERBINDUNGEN ALS MARKER FÜR MYKOBAKTERIEN-TUBERKULOSE

Title (fr)

DÉTECTION DE COMPOSÉS VOLATILS EN TANT QUE MARQUEURS DE LA TUBERCULOSE DUE AUX MYCOBACTÉRIES

Publication

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Application

**EP 08835643 A 20081006**

Priority

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- NZ 56223607 A 20071005

Abstract (en)

[origin: WO2009045116A1] The invention relates to the use of biomarkers for identifying bacterial pathogens. In particular, the invention relates to the detection and identification of certain compounds as markers for mycobacterial infections in a patient or from a culture by analysis of a gaseous sample.

IPC 8 full level

**G01N 33/497** (2006.01); **C12Q 1/04** (2006.01)

CPC (source: EP)

**C12Q 1/04** (2013.01); **G01N 2333/35** (2013.01)

Citation (search report)

- [I] TAKEDA S ET AL: "An attempt at identifying Mycobacterium tuberculosis var. hominis by gas chromatographic analysis of the esters of nicotinic acid.", THE SCIENCE REPORTS OF THE RESEARCH INSTITUTES, TOHOKU UNIVERSITY. SER. C, MEDICINE. T HOKU DAIGAKU JUL 1971 LNKD- PUBMED:5005199, vol. 18, no. 1, July 1971 (1971-07-01), pages 27 - 31, XP009141330, ISSN: 0371-2761
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- [A] PHILLIPS ET AL: "Volatile biomarkers of pulmonary tuberculosis in the breath", TUBERCULOSIS, ELSEVIER, GB, vol. 87, no. 1, 22 December 2006 (2006-12-22), pages 44 - 52, XP005751050, ISSN: 1472-9792, DOI: 10.1016/J.TUBE.2006.03.004
- See references of WO 2009045116A1

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