

Title (en)

AUTOMATED ANALYSIS OF COMPLEX MATRICES USING MASS SPECTROMETER

Title (de)

AUTOMATISIERTE ANALYSE KOMPLEXER MATRIZEN UNTER VERWENDUNG EINES MASSENSPEKTROMETERS

Title (fr)

ANALYSE AUTOMATIQUE DE MATRICES COMPLEXES AU MOYEN D'UN SPECTROMETRE DE MASSE

Publication

EP 1958233 B1 20170614 (EN)

Application

EP 06828156 A 20061207

Priority

- CA 2006001999 W 20061207
- US 74291005 P 20051207
- US 56728106 A 20061206

Abstract (en)

[origin: WO2007065266A1] Improved systems, apparatus, methods, and programming useful for the automated analysis of complex compounds using mass spectrometers. Systems, apparatus, methods, and programming according to the invention provide for the automatic determination by a controller (54) of a mass spectrometer (14, 214) of an analysis operation to be implemented using the mass spectrometer, the analysis operation adapted specifically for analysis of one or more substances based contained within a compound based on identification of the compound and/or substances provided by a user of the spectrometer, and a database (66) or other library of information concerning suitable processes or process steps for analyzing substances.

IPC 8 full level

H01J 49/26 (2006.01); **H01J 49/00** (2006.01); **H01J 49/02** (2006.01)

CPC (source: EP)

H01J 49/0031 (2013.01); **H01J 49/02** (2013.01)

Citation (examination)

- "Introduction to Mass Spectrometry, Chapter 2 The Mass Spectrometer ED - Watson J Throck; Sparkman Orrin David", 1 January 2007, INTRODUCTION TO MASS SPECTROMETRY : INSTRUMENTATION, APPLICATIONS, AND STRATEGIES FOR DATA INTERPRETATION, WILEY, CHICHESTER [U.A], PAGE(S) 53 - 172, ISBN: 978-0-470-51634-8, XP002740945
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007065266 A1 20070614; CA 2631218 A1 20070614; CA 2631218 C 20141202; EP 1958233 A1 20080820; EP 1958233 A4 20111005; EP 1958233 B1 20170614; JP 2009518631 A 20090507

DOCDB simple family (application)

CA 2006001999 W 20061207; CA 2631218 A 20061207; EP 06828156 A 20061207; JP 2008543623 A 20061207