

Title (en)  
SYSTEM FOR MICROVOLUME LASER SCANNING CYTOMETRY

Title (de)  
ZYTOMETRIESYSTEM MIT MICROVOLUMEN-LASERABTASTUNG

Title (fr)  
SYSTEME DE CYTOMETRIE PAR BALAYAGE, A LASER DE MICROVOLUME

Publication  
**EP 1203339 A4 20060913 (EN)**

Application  
**EP 00926370 A 20000426**

Priority

- US 0011133 W 20000426
- US 14479899 P 19990721

Abstract (en)  
[origin: WO0108081A1] The present invention provides an improved integrated system for biological marker identification. The system uses Microvolume Laser (11) Scanning Microscopy (MLSC) (16) in order to measure patterns of expression of biological markers in biological fluids (10). The system includes improved instrumentation for performing MLSC, and also includes improved particle detection and analysis methods. The system further comprises an informatics architecture for the analysis of data obtained from the MLSC in tandem with other medical information.

IPC 1-7  
**G06K 9/00**

IPC 8 full level  
**G01N 21/64** (2006.01); **G01N 15/00** (2006.01); **G01N 15/14** (2006.01); **G01N 33/483** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP KR)  
**G01N 15/1433** (2024.01 - EP); **G06F 18/00** (2023.01 - KR); **G06V 20/69** (2022.01 - EP); **G01N 15/1484** (2013.01 - EP)

Citation (search report)

- [X] US 5867610 A 19990202 - LEE SHIH-JONG J [US]
- [X] EP 0681177 A1 19951108 - BIOMETRIC IMAGING INC [US]
- [A] EP 0421736 A2 19910410 - KAMENTSKY LOUIS A [US], et al
- [A] WO 9743732 A1 19971120 - ONCOMETRICS IMAGING CORP [CA]
- See references of WO 0108081A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0108081 A1 20010201**; AU 4491100 A 20010213; CA 2379836 A1 20010201; EP 1203339 A1 20020508; EP 1203339 A4 20060913; JP 2003505707 A 20030212; KR 20020013970 A 20020221; MX PA01013398 A 20030327; NZ 516637 A 20030829

DOCDB simple family (application)  
**US 0011133 W 20000426**; AU 4491100 A 20000426; CA 2379836 A 20000426; EP 00926370 A 20000426; JP 2001513096 A 20000426; KR 20027000806 A 20020119; MX PA01013398 A 20000426; NZ 51663700 A 20000426