Title (en)

AUTOMATION OF ACQUISITION, ANALYSIS AND ELECTRONIC DELIVERY OF EXPERIMENTAL DATA

Title (de)

AUTOMATISIERUNG DER ERFASSUNG, ANALYSE UND ELEKTRONISCHEN ZUSTELLUNG VON VERSUCHSDATEN

Title (fr)

AUTOMATISATION D'ACQUISITION, D'ANALYSE ET DE DIFFUSION ELECTRONIQUE DE DONNEES EXPERIMENTALES

Publication

EP 1368757 A2 20031210 (EN)

Application

EP 01914604 A 20010228

Priority

- US 0106569 W 20010228
- US 51479300 A 20000228

Abstract (en)

[origin: WO0165401A2] A system is disclosed that is primarily meant to interface with laboratory instrumentation to acquire experimental data, process the data into a format suitable for electronic transmission, and finally transmit the experimental data to submitting persons. In the exemplary embodiment, a system is described to automatically acquire high-resolution electrospray ionization mass spectra with a commercial Fourier transform ion cyclotron resonance mass spectrometer. Upon injection of each sample, an autosampler transmits a contact closure signal to mass spectrometer to initiate data acquisition. A software package is then used off-line to accept a sample list with input information for each of the samples. Then for each of the samples, the software automatically processes and interprets the acquired data. Finally, the system prints the spectra, peak lists, exact mass reports, and e-mails the exact-mass reports to the submitting persons.

IPC 1-7

G06F 17/40

IPC 8 full level

G01D 1/00 (2006.01); **G06F 17/00** (2006.01); **G06F 17/40** (2006.01)

CPC (source: EP)

G01D 1/00 (2013.01)

Citation (search report)

See references of WO 0165401A2

Citation (examination)

- US 6470386 B1 20021022 - COMBAR CURTIS T [US], et al
- US 6216104 B1 20010410 - MOSHFEGHI MEHRAN [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0165401 A2 20010907; **WO 0165401 A3 20031016**; EP 1368757 A2 20031210

DOCDB simple family (application)

US 0106569 W 20010228; EP 01914604 A 20010228