

Title (en)

METHOD AND APPARATUS FOR SIMULTANEOUS COLLECTION OF TIME RESOLVED INFRARED SPECTRAL INFORMATION FROM MULTIPLE SAMPLES

Title (de)

METHODE UND APPARAT FÜR SIMULTANE AUFNAHME VON ZEITENTWICKELTER INFRAROTSPEKTRALINFORMATION VON MEHRFACHPROBEN

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE RECUEILLIR DE L'INFORMATION DU SPECTRE INFRAROUGE EN RESOLUTION TEMPORELLE SIMULTANEMENT A PARTIR DE PLUSIEURS ECHANTILLONS

Publication

EP 1200795 A4 20040714 (EN)

Application

EP 00947403 A 20000717

Priority

- US 0019325 W 20000717
- US 14430299 P 19990716
- US 18568000 P 20000228

Abstract (en)

[origin: WO0106209A1] A FTIR (100) spectrometer is used to illuminate the sample library in either step scan or rapid scan mode and IR light(s) emitted by the combination library is recorded by a focal plane array. The Fourier transform of the measured data is then taken.

IPC 1-7

G01B 9/02; **G01J 3/28**; **G01N 21/25**; **G01J 3/453**

IPC 8 full level

G01J 3/45 (2006.01); **G01J 3/28** (2006.01); **G01J 3/453** (2006.01); **G01N 21/35** (2014.01)

CPC (source: EP)

G01J 3/2889 (2013.01); **G01J 3/453** (2013.01); **B01J 2219/00587** (2013.01); **B01J 2219/00707** (2013.01)

Citation (search report)

- [XY] US 4542295 A 19850917 - MATTSON DAVID R [US], et al
- [Y] US 5440388 A 19950808 - ERICKSON JON W [US]
- See also references of WO 0106209A1

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 0106209 A1 20010125; AU 6101800 A 20010205; EP 1200795 A1 20020502; EP 1200795 A4 20040714; JP 2003504633 A 20030204

DOCDB simple family (application)

US 0019325 W 20000717; AU 6101800 A 20000717; EP 00947403 A 20000717; JP 2001510800 A 20000717