Title (en)

METHOD FOR OPERATING AN FTIR SPECTROMETER, AND FTIR SPECTROMETER

Title (de)

VERFAHREN ZUM BETRIEB EINES FTIR-SPEKTROMETERS, SOWIE FTIR-SPEKTROMETER SELBST

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN SPECTROMÈTRE FTIR ET SPECTROMÈTRE FTIR LUI-MÊME

Publication

EP 2215454 A1 20100811 (DE)

Application

EP 08851951 A 20081121

Priority

- EP 2008009854 W 20081121
- DE 102007056345 A 20071122

Abstract (en)

[origin: DE102007056345B3] The method involves utilizing residual gases as gas components in each case during the validation of the spectrometer, which simulates the actual measuring gas component concerning the instrumentation characteristics. Multiple residual gases use an existing gas mixture for validation, which has sub areas of the entire measuring spectrum in each case. An independent claim is also included for a fourier transformation infrared-spectrometer.

IPC 8 full level

G01N 21/27 (2006.01); **G01N 21/35** (2006.01)

CPC (source: EP US)

G01N 21/13 (2013.01 - US); **G01N 21/274** (2013.01 - US); **G01N 21/276** (2013.01 - EP US); **G01N 21/3504** (2013.01 - EP US); G01J 3/28 (2013.01 - US); G01J 3/42 (2013.01 - US); G01J 2003/2866 (2013.01 - US); G01J 2003/2879 (2013.01 - US); G01N 21/03 (2013.01 - US); G01N 21/05 (2013.01 - EP US); G01N 21/31 (2013.01 - US); G01N 21/35 (2013.01 - US); G01N 33/0004 (2013.01 - US); G01N 33/0006 (2013.01 - US); G01N 2021/0357 (2013.01 - US); G01N 2021/0367 (2013.01 - US); G01N 2021/3196 (2013.01 - US); G01N 2021/3595 (2013.01 - EP US)

Citation (search report)

See references of WO 2009065595A1

Citation (examination)

US 5777735 A 19980707 - REAGEN WILLIAM K [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007056345 B3 20090102; CN 101918814 A 20101215; EP 2215454 A1 20100811; US 2010282958 A1 20101111; WO 2009065595 A1 20090528

DOCDB simple family (application)

DE 102007056345 A 20071122; CN 200880117008 A 20081121; EP 08851951 A 20081121; EP 2008009854 W 20081121; US 78475710 A 20100521