

Title (en)

CALIBRATION OF A NEAR INFRARED MEASUREMENT UNIT USING SIMULATED NEAR INFRARED SPECTRA OBTAINED FROM MEASURED MID INFRARED SPECTRA

Title (de)

KALIBRIERUNG EINER NAHINFRAROT-MESSEINHEIT MITHILFE SIMULIERTER NAHINFRAROT-SPEKTREN AUS GEMESSENEN SPEKTREN IN MITTELINFRAROTBEREICH

Title (fr)

ÉTALONNAGE D'UNE UNITÉ DE MESURE PROCHE INFRAROUGE À L'AIDE D'UN SPECTRE PROCHE INFRAROUGE SIMULÉ OBTENU À PARTIR D'UN SPECTRE INFRAROUGE MOYEN MESURÉ

Publication

EP 3298384 A1 20180328 (EN)

Application

EP 16744886 A 20160523

Priority

- NL 2014836 A 20150521
- NL 2016050366 W 20160523

Abstract (en)

[origin: WO2016186507A1] The invention relates to a method for calibrating an near infrared measurement unit for characterizing a physical, chemical and/or biological parameter of a mineral and/or organic sample. The method comprising a step of providing a multiple number of near infrared calibration data of a mineral and/or organic sample class said near infrared calibration data including a simulated near infrared spectrum measurement. Further, the method comprises a step of feeding a calibration model of near infrared measurements with the multiple number of near infrared calibration data. Here, at least a subset of the near infrared calibration data is based on mid infrared measurements.

IPC 8 full level

G01N 21/27 (2006.01); **G01N 21/359** (2014.01)

CPC (source: EP)

G01N 21/274 (2013.01); **G01N 21/359** (2013.01)

Citation (search report)

See references of WO 2016186507A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016186507 A1 20161124; EP 3298384 A1 20180328; NL 2014836 A 20161128; NL 2014836 B1 20170131

DOCDB simple family (application)

NL 2016050366 W 20160523; EP 16744886 A 20160523; NL 2014836 A 20150521