

Title (en)

METHOD FOR CALIBRATING A SPECTROMETER

Title (de)

VERFAHREN ZUR KALIBRIERUNG EINES SPEKTROMETERS

Title (fr)

PROCÉDÉ D'ÉTALONNAGE D'UN SPECTROMÈTRE

Publication

EP 3899461 A1 20211027 (DE)

Application

EP 19808762 A 20191121

Priority

- DE 102018133152 A 20181220
- EP 2019082024 W 20191121

Abstract (en)

[origin: WO2020126277A1] The invention discloses a method for calibrating a spectrometer (3), comprising the steps of: transmitting light by means of a light source (1), wherein the light source (1) has a known and substantially temporally steady emission spectrum; receiving the light as a receiving spectrum; comparing the receiving spectrum to the emission spectrum and determining a deviation; and taking into account the determined deviation during subsequent measurements using the spectrometer (1), if the deviation is greater than a tolerance value.

IPC 8 full level

G01J 3/28 (2006.01)

CPC (source: EP US)

G01J 3/0297 (2013.01 - US); **G01J 3/28** (2013.01 - EP US); **G01J 2003/2866** (2013.01 - EP)

Citation (search report)

See references of WO 2020126277A1

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 2020126277 A1 20200625; CN 113167651 A 20210723; DE 102018133152 A1 20200625; EP 3899461 A1 20211027; US 2022057264 A1 20220224

DOCDB simple family (application)

EP 2019082024 W 20191121; CN 201980078643 A 20191121; DE 102018133152 A 20181220; EP 19808762 A 20191121; US 201917416904 A 20191121