

Title (en)

DEVICE AND METHOD FOR CALIBRATING A SCATTERED LIGHT METER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM KALIBRIEREN EINES STREULICHTMESSGERÄTES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ÉTALONNER UN APPAREIL DE MESURE DE LUMIÈRE DIFFUSÉE

Publication

**EP 2539690 A1 20130102 (DE)**

Application

**EP 11701770 A 20110103**

Priority

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- EP 2011050032 W 20110103

Abstract (en)

[origin: WO2011104040A1] A calibrating device according to the invention for calibrating a scattered light meter designed to measure a particle concentration in motor vehicle exhaust gases has at least one scattering body (2) comprising a plurality of scattering centres (6) that have a defined size and defined mutual spacing. The scattering centres (6) are disposed such that when the scattering body (2) is irradiated with light (11) from a light source (10), said scattering body emits scattered light (20) having an intensity and distribution predetermined by the scattering body (2).

IPC 8 full level

**G01N 21/47** (2006.01); **G01N 21/53** (2006.01)

CPC (source: EP US)

**G01N 21/4785** (2013.01 - EP US); **G01N 21/53** (2013.01 - EP US)

Citation (search report)

See references of WO 2011104040A1

Citation (examination)

US 3942899 A 19760309 - LONGHENRY DAVID K

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DOCDB simple family (publication)

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