

Title (en)

METHOD FOR ESTIMATING LIGHT SCATTERING

Title (de)

VERFAHREN ZUR SCHÄTZUNG VON LICHTSTREUUNG

Title (fr)

PROCEDE D'ESTIMATION DE DIFFUSION DE LA LUMIERE

Publication

EP 2502207 A2 20120926 (FR)

Application

EP 10775825 A 20101109

Priority

- FR 0958071 A 20091116
- EP 2010067108 W 20101109

Abstract (en)

[origin: FR2948800A1] The method involves estimating projection coefficients in an orthonormal base of spherical functions, where the projection coefficients are representative of reduction of light intensity in a point (34) of a heterogeneous participating media (10), and the estimation of the projection coefficients is realized for the point of the heterogeneous participating media. Light quantity diffused by the heterogeneous participating media is estimated from the estimated projection coefficients along a light diffusion direction (120).

IPC 8 full level

G06T 15/50 (2011.01)

CPC (source: EP US)

G01N 15/0205 (2013.01 - US); **G01N 15/1459** (2013.01 - US); **G06T 15/506** (2013.01 - EP US)

Citation (search report)

See references of WO 2011058007A2

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

DOCDB simple family (publication)

FR 2948800 A1 20110204; EP 2502207 A2 20120926; US 2012218549 A1 20120830; US 8842275 B2 20140923; WO 2011058007 A2 20110519; WO 2011058007 A3 20130418

DOCDB simple family (application)

FR 0958071 A 20091116; EP 10775825 A 20101109; EP 2010067108 W 20101109; US 201013508361 A 20101109