

Title (en)

METHOD OF ESTIMATING DIFFUSION OF LIGHT

Title (de)

VERFAHREN ZUR SCHÄTZUNG DER LICHTSTREUUNG

Title (fr)

PROCEDE D'ESTIMATION DE DIFFUSION DE LA LUMIERE

Publication

EP 2589025 A2 20130508 (FR)

Application

EP 11729394 A 20110621

Priority

- EP 10305720 A 20100701
- EP 2011060373 W 20110621
- EP 11729394 A 20110621

Abstract (en)

[origin: WO2012000847A2] The invention relates to a method of estimating the amount of light diffused by a heterogeneous participant medium (10). In order to improve rendition whilst minimizing the necessary calculation times, the method comprises the steps of: - estimation of coefficients of projection in a function basis with the help of values representative of density for a set of points (13) of said medium that are situated along at least one direction of emission (110) of light by a light source (11), and - estimation of the amount of light diffused by said medium (10), according to at least one direction of diffusion (120) of the light, with the help of said estimated projection coefficients.

IPC 8 full level

G06T 15/50 (2011.01)

CPC (source: EP US)

G06T 15/50 (2013.01 - US); **G06T 15/506** (2013.01 - EP US)

Citation (search report)

See references of WO 2012000847A2

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)

WO 2012000847 A2 20120105; WO 2012000847 A3 20120322; EP 2589025 A2 20130508; US 2013100135 A1 20130425

DOCDB simple family (application)

EP 2011060373 W 20110621; EP 11729394 A 20110621; US 201113807494 A 20110621