



(11)

EP 2 048 490 B8

(12)

CORRECTED EUROPEAN PATENT SPECIFICATION

(15) Correction information:

Corrected version no 1 (W1 B1)

Corrections, see

Bibliography INID code(s) 72

(51) Int Cl.:

G01N 21/47 (2006.01)

(86) International application number:

PCT/JP2007/064415

(48) Corrigendum issued on:

28.08.2013 Bulletin 2013/35

(87) International publication number:

WO 2008/010592 (24.01.2008 Gazette 2008/04)

(45) Date of publication and mention

of the grant of the patent:

26.06.2013 Bulletin 2013/26

(21) Application number: **07791148.5**

(22) Date of filing: **23.07.2007**

(54) **METHOD FOR ESTIMATING REFLECTANCE**

VERFAHREN ZUR REFLEKTANZSCHÄTZUNG

PROCÉDÉ POUR ESTIMER UNE RÉFLECTANCE

(84) Designated Contracting States:

BE DE

(30) Priority: **21.07.2006 JP 2006199967**

(43) Date of publication of application:

15.04.2009 Bulletin 2009/16

(73) Proprietor: **TOYOTA JIDOSHA KABUSHIKI**

KAISHA

Toyota-shi, Aichi-ken, 471-8571 (JP)

(72) Inventor: **TAKAGI, Atsushi**

Toyota-shi

Aichi-ken, 471-8571 (JP)

(74) Representative: **Kuhnen & Wacker**

Patent- und Rechtsanwaltsbüro

Prinz-Ludwig-Strasse 40A

85354 Freising (DE)

(56) References cited:

EP-A2- 1 353 156

WO-A1-2004/097383

JP-A- 05 322 655

JP-A- 2003 307 456

JP-A- 2006 153 846

US-A- 4 572 672

US-A1- 2006 092 412

US-B1- 6 249 751

- **TAKAGI A ET AL: "Prediction of spectral reflectance factor distribution of color-shift paint finishes" COLOR RESEARCH AND APPLICATION, vol. 32, no. 5, October 2007 (2007-10), pages 378-387, XP002604927 WILEY INTERSCIENCE USA ISSN: 0361-2317**
- **TAKAGI A ET AL: "Prediction of spectral reflectance factor distribution of automotive paint finishes" COLOR RESEARCH & APPLICATION, vol. 30, no. 4, August 2005 (2005-08), pages 275-282, XP002604928 WILEY INTERSCIENCE USA ISSN: 0361-2317**
- **HONGSONG LI ET AL: "Automated three-axis gonireflectometer for computer graphics applications" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING USA, vol. 5878, 2005, pages 58780S-1-58780S-11, XP002604929 ISSN: 0277-786X**
- **GERMER T A ET AL: "Ray model of light scattering by flake pigments or rough surfaces with smooth transparent coatings" APPLIED OPTICS, vol. 43, no. 6, 20 February 2004 (2004-02-20), pages 1266-1274, XP002480866 OPTICAL SOCIETY OF AMERICA, US ISSN: 0003-6935 DOI: 10.1364/AO.43.001266**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 2 048 490 B8

- JAFOLLA J C ET AL: "Phenomenological BRDF Modeling for Engineering Applications"
PROCEEDINGS OF THE INTERNATIONAL
SOCIETY FOR OPTICAL ENGINEERING (SPIE),
SPIE, USA, vol. 3141, 1 January 1997 (1997-01-01),
pages 281-292, XP002480868 ISSN: 0277-786X
DOI: 10.1117/12.287800