

(19)



(11)

EP 3 269 779 B8

(12)

CORRECTED EUROPEAN PATENT SPECIFICATION

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) International Patent Classification (IPC):
C09C 1/00 ^(2006.01) **A61Q 1/02** ^(2006.01)
C09D 5/36 ^(2006.01) **C09K 11/08** ^(2006.01)
C09K 11/54 ^(2006.01) **C08K 3/22** ^(2006.01)
A61K 8/02 ^(2006.01) **A61Q 19/00** ^(2006.01)

(48) Corrigendum issued on:
08.01.2025 Bulletin 2025/02

(52) Cooperative Patent Classification (CPC):
C09K 11/54; A61K 8/0258; A61Q 1/02;
A61Q 19/00; C09C 1/0024; C09C 1/0039;
C09C 1/0051; C09C 1/0066; C09D 5/36;
A61K 2800/10; A61K 2800/434; A61K 2800/436;
A61K 2800/621; A61K 2800/63; A61K 2800/651;

(45) Date of publication and mention
of the grant of the patent:
04.12.2024 Bulletin 2024/49

(21) Application number: **17176810.4**

(Cont.)

(22) Date of filing: **20.06.2017**

(54) **EFFECT PIGMENTS AND STRUCTURAL COLORANTS INCORPORATING FLUORESCENT PARTICLES**

EFFEKTPIGMENTE UND STRUKTURELLE FARBSTOFFE MIT FLUORESZIERENDEN PARTIKELN
PIGMENTS À EFFET DE COLORANTS ET DE STRUCTURE INCORPORANT DES PARTICULES FLUORESCENTES

(84) Designated Contracting States:
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

(56) References cited:
WO-A1-2016/085874

(30) Priority: **21.06.2016 US 201662352824 P**

- YUAN-QING LI, YANG YANG, SHAO-YUN FU, XIAO-YAN YI, LIANG-CHEN WANG, AND HONG-DA CHEN: "Transparent and Light-Emitting Epoxy Super-Nanocomposites Containing ZnO-QDs/SiO₂Nanocomposite Particles as Encapsulating Materials for Solid-State Lighting", J. PHYS. CHEM. C, vol. 112, 2008, pages 18616 - 18622, XP002775729, DOI: 10.1021/jp8050609
- ANDREAS STEIN, FAN LI AND NICHOLAS R. DENNY: "Morphological Control in Colloidal Crystal Templating of Inverse Opals, Hierarchical Structures, and Shaped Particles", CHEM. MATER., vol. 20, 2008, pages 649 - 666, XP002775730, DOI: 10.1021/cm702107n
- YUAN-QING LI, YANG YANG, CHANG Q SUN AND SHAO-YUN FU: "Significant Enhancements in the Fluorescence and Phosphorescence of ZnO Quantum Dots/SiO₂ Nanocomposites by Calcination", J. PHYS. CHEM. C, vol. 112, no. 44, 2008, pages 17397 - 17401, XP002775731, DOI: 10.1021/jp8063068

(43) Date of publication of application:
17.01.2018 Bulletin 2018/03

(73) Proprietor: **Sun Chemical Corporation**
Parsippany, NJ 07054 (US)

(72) Inventors:
• **MOHR, Benjamin**
Elmsford, NY 10523 (US)
• **STADLER, Urs**
Madison, NJ 07940 (US)

(74) Representative: **Altmann Stöbel Dick**
Patentanwälte PartG mbB
Isartorplatz 1
80331 München (DE)

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 3 269 779 B8

(52) Cooperative Patent Classification (CPC): (Cont.)
C08K 3/22; C09C 2200/102; C09C 2200/505;
C09C 2210/50; C09C 2220/10