



(11) **EP 3 870 645 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(48) Corrigendum issued on:
15.01.2025 Bulletin 2025/03

(45) Date of publication and mention
of the grant of the patent:
11.12.2024 Bulletin 2024/50

(21) Application number: **19790223.2**

(22) Date of filing: **25.10.2019**

(51) International Patent Classification (IPC):
C08L 33/06 ^(2006.01) **G02B 5/02** ^(2006.01)

(52) Cooperative Patent Classification (CPC):
(C-Sets available)
C08L 33/06; G02B 5/0242 (Cont.)

(86) International application number:
PCT/EP2019/079147

(87) International publication number:
WO 2020/084108 (30.04.2020 Gazette 2020/18)

(54) **A POLYMER COMPOSITION COMPRISING PARTICLES AND COLORANT, ITS METHOD OF PREPARATION AND ITS USE**

POLYMERZUSAMMENSETZUNG MIT PARTIKELN UND FARBSTOFF, IHRE
HERSTELLUNGSMETHODE UND IHRE BENUTZUNG

COMPOSITION DE POLYMÈRE COMPRENANT DES PARTICULES ET UN COLORANT, SA
MÉTHODE DE PRÉPARATION ET SON UTILISATION

(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**

(30) Priority: **26.10.2018 FR 1859963**

(43) Date of publication of application:
01.09.2021 Bulletin 2021/35

(73) Proprietor: **Trinseo Europe GmbH
8808 Pfaffikon (CH)**

(72) Inventors:
• **ANDRE, Benoît**
27470 SERQUIGNY (FR)
• **QUERUEL, Sylvain**
27470 SERQUIGNY (FR)
• **VLOTES, Peter**
8862 LA - HARLINGEN (NL)
• **BOUTILLIER, Jean-Marc**
64170 LACQ (FR)

(74) Representative: **SSM Sandmair**
Patentanwälte Rechtsanwalt
Partnerschaft mbB
Joseph-Wild-Straße 20
81829 München (DE)

(56) References cited:
WO-A1-2011/134674 WO-A1-2016/137919
WO-A1-2018/151030 WO-A2-2006/100127
WO-A2-2007/058810 US-A1- 2009 146 548
US-A1- 2014 003 060 US-A1- 2015 168 604

- **MAURO MOSCA ET AL: "Warm white LED light by frequency down-conversion of mixed yellow and red Lumogen", VISUAL COMMUNICATIONS AND IMAGE PROCESSING; 20-1-2004 - 20-1-2004; SAN JOSE, vol. 8767, 22 May 2013 (2013-05-22), pages 87670L, XP055219785, ISBN: 978-1-62841-730-2, DOI: 10.1117/12.2017274**

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 3 870 645 B8

- NIKO A ET AL: "White light and red-green-blue (RGB)electroluminescence by light color-conversion", OPTICAL MATERIALS, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 9, no. 1-4, 1 January 1998 (1998-01-01), pages 188 - 191, XP004123023, ISSN: 0925-3467, DOI: 10.1016/S0925-3467(97)00158-4

(52) Cooperative Patent Classification (CPC): (Cont.)

C-Sets

C08L 33/06, C08L 33/06, C08K 5/0041,
C08K 5/0041, C08K 5/0041