

Title (en)
POLYCARBONATE COMPOSITIONS CONTAINING TITANIUM DIOXIDE AND EPOXY GROUP-CONTAINING TRIACYLGLYCEROL

Title (de)
POLYCARBONAT-ZUSAMMENSETZUNGEN ENTHALTEND TITANDIOXID UND EPOXY-GRUPPEN ENTHALTENDES TRIACYLGLYCEROL

Title (fr)
COMPOSITIONS DE POLYCARBONATE CONTENANT DU DIOXYDE DE TITANE ET DU TRIACYLGLYCÉROL CONTENANT DES GROUPES ÉPOXY

Publication
EP 4247886 A1 20230927 (DE)

Application
EP 21810372 A 20211118

Priority
• EP 20209236 A 20201123
• EP 2021082124 W 20211118

Abstract (en)
[origin: WO2022106530A1] Described are titanium dioxide-containing, polycarbonate-based thermoplastic compositions that contain epoxidized triacylglycerol and are suitable for reflectors. The compositions have an improved reflectance and a lower yellowness index as compared to reference compositions that do not contain epoxidized triacylglycerol.

IPC 8 full level
C08K 3/22 (2006.01); **C08K 5/00** (2006.01); **C08K 5/1515** (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP US)
C08K 3/22 (2013.01 - EP US); **C08K 5/005** (2013.01 - EP); **C08K 5/0066** (2013.01 - EP); **C08K 5/1515** (2013.01 - EP); **C08K 5/42** (2013.01 - US); **C08K 5/50** (2013.01 - US); **C08L 69/005** (2013.01 - US); **C08K 2003/2241** (2013.01 - EP US); **C08L 2201/02** (2013.01 - US); **C08L 2203/206** (2013.01 - US)

C-Set (source: EP)
1. **C08K 3/22 + C08L 69/00**
2. **C08K 5/1515 + C08L 69/00**
3. **C08K 5/005 + C08L 69/00**
4. **C08K 5/0066 + C08L 69/00**

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022106530 A1 20220527; CN 116601220 A 20230815; EP 4247886 A1 20230927; US 2023416526 A1 20231228

DOCDB simple family (application)
EP 2021082124 W 20211118; CN 202180078707 A 20211118; EP 21810372 A 20211118; US 202118037905 A 20211118