Title (en)

USE OF A LOW MOLECULAR WEIGHT TRIAZINE BASED COMPOUND AS THERMAL / LIGHT STABILIZER IN POLYMERS

Title (de)

VERWENDUNG VON VERBINDUNGEN AUF BASIS VON TRIAZIN MIT NIEDRIGEM MOLEKULARGEWICHT ALS WÄRME/ LICHTSTABILISATOR IN POLYMEREN

Title (fr)

UTILISATION D'UN COMPOSÉ À BASE DE TRIAZINE DE FAIBLE POIDS MOLÉCULAIRE EN TANT QUE THERMO/PHOTO-STABILISANT DANS DES POLYMÈRES

Publication

EP 3853300 A1 20210728 (EN)

Application

EP 19783214 A 20190918

Priority

- EP 18195484 A 20180919
- EP 2019075010 W 20190918

Abstract (en)

[origin: WO2020058338A1] The present invention relates to the use of a triazine based compound of the general formula (I), wherein R1 is hydrogen, halogen, substituted or non-substituted hydroxy, substituted or non- substituted aminosubstituted or non-substituted C5-C20 aryl, substituted or non-substituted, linear or branched C1-C12-Alkyl, substituted and non-substituted, linear or branched C2-C12-alkenyl, wherein Ci-Ci2-alkyl and C2-C12-alkenyl can be interrupted by one or more atoms or groups selected from oxygen atoms, substituted or mono-substituted nitrogen atoms, double bonds, siloxan groups and/or by one or more groups of the type -C(O)O-, -OC(O)-, -C(O)-, - C(O)NH-,-NHC(O)O-, -OC(O)NH-, -NHC(O)NH- and/or -OC(O)O-, whereby the atoms and groups selected from oxygen atoms, -OC(O)-, -C(O)-, -NHC(O)O-, -NHC(O)NH- or -OC(O)O- can be directly connected to the triazine ring; and R2 and R3 are substituted and/or non-substituted C3-C10-cycloalkyl, which comprises at least one nitrogen atom in the ring structure; as thermal stabilizer and/or light stabilizer in polyolefins at temperatures at or above 150°C.

IPC 8 full level

C08K 5/3492 (2006.01)

CPC (source: EP)

C08K 5/34926 (2013.01)

C-Set (source: EP)

C08K 5/34926 + **C08L 23/02**

Citation (search report)

See references of WO 2020058338A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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