

Title (en)
NOVEL SECONDARY AND TERTIARY AMINES AND THE USE THEREOF IN COMPOSITIONS AND IN STABILIZATION OF POLYMERS AGAINST ULTRAVIOLET LIGHT DEGRADATION.

Title (de)
NEUE SEKUNDÄRE UND TERTIÄRE AMINE UND DEREN VERWENDUNG IN ZUSAMMENSETZUNGEN UND BEIM STABILISIEREN VON POLYMEREN GEGEN ABBAU DURCH ULTRAVIOLETT-LICHT.

Title (fr)
NOUVELLES AMINES SECONDAIRES ET TERTIAIRES ET LEUR UTILISATION DANS DES COMPOSITIONS ET DANS LA STABILISATION DE POLYMERES CONTRE LA DEGRADATION PAR LA LUMIERE ULTRAVIOLETTE.

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Application
EP 81900159 A 19801106

Priority
US 10197279 A 19791210

Abstract (en)
[origin: WO8101706A1] Novel compounds, compositions and methods for stabilization of ultraviolet light sensitive polymers against photodegradation. The novel secondary and tertiary amines of this invention can be represented by the following structural formula: (FORMULA) with R and R' being independently selected from the group consisting of alkyl, hydroxy substituted alkyl, aryl, amino or hydroxy substituted aryl, aralkyl and amino or hydroxy substituted aralkyl; R<u1>u and R<u2>u being independently selected from hydrogen, alkyl, aralkyl; R<u3>u and R<u4>u being independently selected from alkyl of 1 to 4 carbon atoms and capable of collectively forming a cycloalkyl substituent; A and A' being independently selected from the group consisting of alkylene of 1 to 12 carbon atoms; and m is 0-4; n is 1-3. The above compounds are especially suitable in the stabilization of polyolefins (i.e. polypropylene) against the degradative forces of ultraviolet light.

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C07D 211/58 (2013.01); **C08K 5/3435** (2013.01)

Citation (search report)

- CH 592129 A5 19771014 - CIBA GEIGY AG
- US 4104248 A 19780801 - CANTATORE GIUSEPPE
- US 3937711 A 19760210 - COOK BARRY

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