

Title (en)

LOW-COLOR ULTRAVIOLET ABSORBER COMPOUNDS AND COMPOSITIONS THEREOF

Title (de)

SCHWACH GEFÄRBTE ULTRAVIOLETTABSORBERVERBINDUNGEN UND ZUSAMMENSETZUNGEN DAVON

Title (fr)

ABSORBEURS D'UV A FAIBLE COLORATION ET COMPOSITIONS LES CONTENANT

Publication

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Application

**EP 02744885 A 20020726**

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Abstract (en)

[origin: WO03018682A1] Novel ultraviolet absorbing compounds that are liquid in nature, are extremely low in color (and thus permit use without the concomitant necessity of adding large amounts of other coloring agents to combat such discoloring), and are highly effective in providing protection in wavelength ranges for which previous attempts at low-color ultraviolet absorbers have failed are provided herein. Such compounds provide such excellent, inexpensive, and beneficial protection from ultraviolet exposure within various media, including, but not limited to, clear thermoplastics. The particular compounds are generally polymeric in nature including various chain lengths of polyoxyalkylenes thereon and are liquid in nature to facilitate handling and introduction within the target media. In addition, such ultraviolet absorbers also exhibit extremely low migratory properties thereby providing long-term protective benefits to the target media as well. This invention also concerns the end products, specific broadly defined types of compounds providing such beneficial characteristics, methods of making such low-color compounds, and methods of producing such clear, UV protected end products.

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**C08K 5/06**

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