

Title (en)

BENZOCYCLE-SUBSTITUTED TRIAZINE AND PYRIMIDINE ULTRAVIOLET LIGHT ABSORBERS

Title (de)

BENZOZYKLISCH-SUBSTITUTIERTE TRIAZINE UND PYRIMIDINE ALS UV-LICHT-ABSORBER

Title (fr)

TRIAZINES ET PYRIMIDINES SUBSTITUEES PAR CYCLE BENZO UTILISEES COMME ABSORBEURS DE RAYONS ULTRAVIOLETS

Publication

EP 1089987 A1 20010411 (EN)

Application

EP 99935328 A 19990617

Priority

- US 9913708 W 19990617
- US 9026098 P 19980622

Abstract (en)

[origin: WO9967225A1] This invention relates generally to benzocycle-substituted pyrimidines and triazines and the use thereof to protect against degradation by environmental forces, inclusive of ultraviolet light, actinic radiation, oxidation, moisture, atmospheric pollutants and combinations thereof. The new class of benzocycle-substituted pyrimidines and triazines comprises a benzocycle attached to the triazine or pyrimidine ring, and preferably an additional aryl ring containing a hydroxyl group, either free or blocked to form a latent stabilizer, ortho- to the point of attachment to the triazine or pyrimidine ring. These materials may, under the appropriate circumstances, be bonded to formulations comprising coatings, polymers, resins, organic compounds and the like via reaction of the bondable functionality with the materials of the formulation. A method for stabilizing a material by incorporating such benzocycle-substituted pyrimidines and triazines is also disclosed.

IPC 1-7

C07D 251/24; **C08K 5/3492**; **A61K 7/42**; **C07D 251/22**; **C07D 251/20**; **C07D 239/26**

IPC 8 full level

A61K 8/49 (2006.01); **A61Q 17/04** (2006.01); **C07D 239/26** (2006.01); **C07D 239/32** (2006.01); **C07D 251/20** (2006.01); **C07D 251/22** (2006.01); **C07D 251/24** (2006.01); **C08K 5/3492** (2006.01)

CPC (source: EP KR)

A61K 8/4966 (2013.01 - EP KR); **A61Q 17/04** (2013.01 - EP KR); **C07D 239/26** (2013.01 - EP); **C07D 251/20** (2013.01 - EP); **C07D 251/22** (2013.01 - EP KR); **C07D 251/24** (2013.01 - EP KR); **C07D 401/12** (2013.01 - KR); **C08K 5/3492** (2013.01 - EP)

Citation (search report)

See references of WO 9967225A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

WO 9967225 A1 19991229; AU 5083199 A 20000110; BR 9911400 A 20010320; CA 2335572 A1 19991229; CN 1306521 A 20010801; EP 1089987 A1 20010411; IL 140447 A0 20020210; JP 2002518487 A 20020625; KR 20010053056 A 20010625; ZA 200006185 B 20011031

DOCDB simple family (application)

US 9913708 W 19990617; AU 5083199 A 19990617; BR 9911400 A 19990617; CA 2335572 A 19990617; CN 99807537 A 19990617; EP 99935328 A 19990617; IL 14044799 A 19990617; JP 2000555879 A 19990617; KR 20007014518 A 20001220; ZA 200006185 A 20001031