

Title (en)

USE OF PYRIDINDIONE DERIVATIVES FOR PROTECTING ORGANIC MATERIAL AGAINST DETRIMENTAL EFFECTS OF LIGHT

Title (de)

VERWENDUNG VON PYRIDINDION-DERIVATEN ZUM SCHUTZ VON ORGANISCHEM MATERIAL VOR DER SCHÄDIGENDEN EINWIRKUNG VON LICHT

Title (fr)

UTILISATION DE DERIVES DE PYRIDINEDIONE POUR LA PROTECTION DE MATIERE ORGANIQUE CONTRE LES EFFETS NOCIFS DE LA LUMIERE

Publication

EP 1742917 A1 20070117 (DE)

Application

EP 05730055 A 20050414

Priority

- EP 2005003917 W 20050414
- DE 102004019171 A 20040416

Abstract (en)

[origin: WO2005100319A1] The invention relates to the use of pyridindione derivatives of general formula (I) and optionally the tautomers thereof, wherein R<1> is hydrogen, possibly substituted and/or possibly heteroatoms containing alkyl, alkenyl or alkynyl or possibly substituted and/or heteroatoms containing cycloalkyl, cycloalkenyl, heterocycloalkyl, aryl or heteroaryl; R<2>, independently of R<1>, is R<1> or NR<4>R<5>; R<4> and R<5> independently of each other and of R<1>, are R<1> or COR<6>, A is CN, COR<7>, COOR<7> or CONR<7>R<8>; R<6>, R<7>, R<8> independently of each other and of R<1>, are R<1>, n is values for 1, 2, 3 or 4; R<3> for n equal to 1 is hydrogen, possibly substituted and/or possibly heteroatoms containing alkyl, alkenyl or alkynyl or possibly substituted and/or heteroatoms containing cycloalkyl, cycloalkenyl, heterocycloalkyl and for n unequal to 1 is n-valent possibly heteroatoms containing aliphatic or cycloaliphatic residue. Compositions containing a quantity of at least one type of pyridindione derivative of formula (I) protecting an organic material against detrimental effects of light, at least one type of organic material and pyridindione derivatives of formula (I) are also disclosed.

IPC 8 full level

C07D 213/85 (2006.01); **C08K 5/3445** (2006.01)

CPC (source: EP US)

C07D 213/85 (2013.01 - EP US); **C09K 15/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2005100319A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005100319 A1 20051027; CA 2562378 A1 20051027; CN 1942444 A 20070404; EP 1742917 A1 20070117; JP 2007532604 A 20071115; US 2007208112 A1 20070906

DOCDB simple family (application)

EP 2005003917 W 20050414; CA 2562378 A 20050414; CN 200580011436 A 20050414; EP 05730055 A 20050414; JP 2007507755 A 20050414; US 59266605 A 20050414