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Title: **UV** indicator to signal the reduction of sunscreen efficiency

Abstract: A sun protection kit and a method for preventing overexposure to ultraviolet radiation are disclosed. The sun protection kit comprises a sunscreen and an indicator that alerts a user when the sunscreen is no longer providing sufficient **UV protection** and needs to be reapplied. The indicator comprises a **photochromic** molecule, which changes color when exposed to ultraviolet radiation.

Classifications:

International (IPC 8-9): A61K8/19 A61K8/49 A61K8/55 A61Q17/04 (Advanced/Invention);
A61K8/19 A61K8/30 A61Q17/04 (Core/Invention)

International (IPC 1-7): A61K7/00 A61K7/42 A61K7/44 A61K7/48 G01J1/50

CPC: A61K8/19 A61K8/49 A61K8/4913 A61K8/4926 A61K8/494 A61K8/4973 A61K8/55 A61K2800/438 A61K2800/87 A61Q1/025 A61Q17/04

European: A61K8/19 A61K8/49 A61K8/49C2 A61K8/49C4 A61K8/49F A61K8/49H A61K8/55 A61Q1/02B A61Q17/04
K61K201/029 K61K201/123 K61K201/142 K61K800/438 K61K800/87

US: 424/400 424/400S 424/401 424/401S 424/59 424/59P 424/6 424/60 424/60S

Family:

Publication number	Publication date	Application number	Application date	
 AU2001271593 AA	20020121	AU20010271593	20010627	
 AU200171593 A1	20020121	AU20010071593	20010627	
 AU200171593 A5	20020121	AU20010071593	20010627	
 US2002022008 AA	20020221	US20010885703	20010620	
 WO0203949 A2	20020117	WO2001US20650	20010627	
 WO0203949 A3	20020725	WO2001US20650	20010627	
 WO0203949 C1	20031106	WO2001US20650	20010627	

Priority:

US20000217426P 20000710 US20010885703 20010620 WO2001US20650 20010627

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; YELTON JANIS ANDERSON

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; FOREST SUSAN ELLEN ; KRUMMEN M SCOTT

Inventor(s): (std): FOREST SUSAN ELLEN ; KRUMMEN M SCOTT ; YELTON JANIS ANDERSON

Inventor(s): M SCOTT KRUMMEN ; SUSAN ELLEN FOREST ; JANIS ANDERSON YELTON ; KRUMMEN M

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: **CONTAINER** WITH A MEDAL

Abstract: A **container** may include a wall and a medal retained to the wall by **container** material of integral one-piece construction with the wall and extending over at least a portion of the medal. The medal and one or more portions of the **container** adjacent the medal have a shared unique appearance. A **package** may include a flaccid loop coupled between a closure and a **container** to which the closure is coupled, and a medal coupled to the flaccid loop.

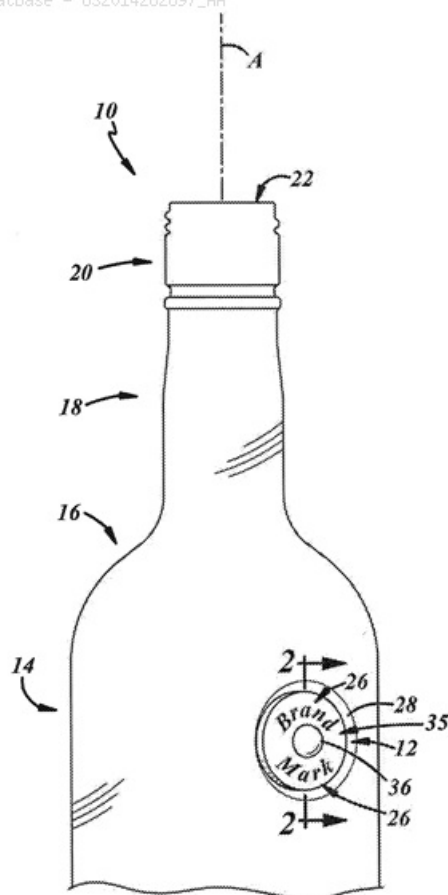
Classifications:

International (IPC 8-9): A44C3/00 B23P11/00 B65D B65D1/02
B65D23/14 B65D41/32 B65D43/02 B65D51/24 B65D55/02 B65D55/06
B65D79/02 G06K7/00 G09F3/02 (Advanced/Invention);
B65D23/14 B65D51/24 B65D55/02 (Core/Invention)

CPC: B65D23/14 B65D79/02 B23P11/00 G06K7/0008 B65D51/248
B65D55/024 B65D55/026 B65D55/06 B65D2101/00 B65D2101/0023
B65D2101/0084 B65D43/02 B65D1/02 Y10T29/49876 Y10T29/49913
Y10T29/49925

US: 1/1 206/459.1 206/459.5 29/453 29/508 29/515

PatBase - US2014262897_AA



Family:

Publication number	Publication date	Application number	Application date
AR095591 AA	20151028	AR2014P101216	20140317
AR107673 AB	20180523	AR2017P100420	20170220
AU2014237775 AA	20150723	AU20140237775	20140306
AU2014237775 BB	20171214	AU20140237775	20140306
AU2018200608 AA	20180208	AU20180200608	20180125
AU2018200608 BB	20190307	AU20180200608	20180125
BR112015018497 A2	20170718	BR20151118497	20140306
CL2015002625 A1	20160916	CL20150002625	20150911
EP2969801 A1	20160120	EP20140714853	20140306
EP3438013 A1	20190206	EP20180193197	20140306
MX2015010544 A1	20151116	MX20150010544	20140306
MX360139 B	20181024	MX20150010544	20140306
NZ709660 A	20180727	NZ20140709660	20140306
PE14522015 A1	20150928	PE20150001842	20140306
SG10201708449Y A1	20171129	SG20171008449	20140306
SG11201505395Q A1	20150929	SG20151105395	20140306
TH158825 A	20161226	TH20151005060	20140306
TW201446605 A	20141216	TW20140109010	20140313
TWI618659 B	20180321	TW20140109010	20140313
US2014262897 AA	20140918	US20130832605	20130315
US2016311576 AA	20161027	US20160201870	20160705
US2018162596 AA	20180614	US20180891735	20180208
US9637271 BB	20170502	US20130832605	20130315
US9919840 BB	20180320	US20160201870	20160705
US10351301 BB	20190716	US20180891735	20180208

WO14149803 A1	20140925	WO2014US20992	20140306
ZA201504912 A	20181219	ZA20150004912	20140306

Priority:

US20130832605 20130315 AU20140237775 20140306 EP20140714853 20140306
WO2014US20992 20140306 US20160201870 20160705 AU20180200608 20180125
US20180891735 20180208

Probable Assignee: OWENS BROCKWAY GLASS CONTAINER INC

Assignee(s): (std): OWENS BROCKWAY GLASS CONTAINER ; OWENS BROCKWAY GLASS CONTAINER INC ; OWENS BROCKWAY GLASS CONTAINER INC A CORP ORGANISED AND EXISTING UNDER LAWS OF STATE OF DELA

Inventor(s): (std): SMITH ROGER P ; BRYANT JESSICA R ; SMITH SUSAN L ; LAIB DOUGLAS ; SMITH ROGER ; BRYANT JESSICA ; DOUGLAS LAIB ; ROGER P SMITH ; JESSICA R BRYANT ; SUSAN L SMITH

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: COATING COMPOSITIONS

Abstract: A coating composition comprises an inorganic phase homogeneously mixed with an organic phase, the inorganic phase being obtainable by hydrolysis of first and second hydrolysable inorganic monomer precursors, the first hydrolysable inorganic monomer precursors (A1) being different to the second hydrolysable monomer precursors (A2) and having at least two hydrolysable ligands, and the second hydrolysable inorganic monomer precursors having at least one non-hydrolysable ligand, the organic phase comprising polymerisable organic species, characterized in that the molar ratio, R (A), of first hydrolysable inorganic monomer precursors (A1): total hydrolysable inorganic monomer precursors (A1 and A2) is in the range 0.4 to 0.99.

Classifications:

International (IPC 8-9): B05D7/00 B05D7/24 C08F230/08 C08F275/00 C08F283/12 C08F290/06 C08F290/14 C08G77/442 C08J5/12 C08J7/04 C08J7/16 C09D1/04 C09D151/00 C09D151/08 C09D175/04 C09D175/14 C09D183/02 C09D183/04 C09D183/06 C09D183/07 C09D183/08 C09D183/10 C09D185/00 C09D201/02 C09D4/00 C09D4/06 C09D5/00 (Advanced/Invention);

B05D7/24 C08F230/08 C09D175/04 C09D183/02 C09D183/07 C09D201/02 C09D4/06 (Advanced/Non-invention);

B05D7/00 B05D7/24 C08F275/00 C08F283/00 C08F290/00 C08J7/00 C09D1/00 C09D151/00 C09D175/04 C09D175/14

C09D183/02 C09D183/04 C09D183/06 C09D183/07 C09D183/08 C09D183/10 C09D185/00 C09D201/02 C09D4/00 C09D4/06

C09D5/00 (Core/Invention);

C08F230/00 (Core/Non-invention)

International (IPC 1-7): B05D3/02 B05D7/24 B32B27/36 C08F275/00 C08F283/12 C08F290/06 C08F290/14 C08G77/442 C08J7/16 C08K5/24 C09D1/04 C09D175/04 C09D175/14 C09D183/02 C09D183/04 C09D183/06 C09D183/07 C09D183/08 C09D185/00 C09D201/02 C09D4/00 C09D4/06 C09D5/00 C09J4/00 C09K7/02

CP: C08F290/14 C08F290/148 C09D183/10 Y10T428/31507 Y10T428/31551 C08J7/047 C08F230/08 C08F275/00 C08F283/12 C08F283/122 C08J2333/06 C08J2369/00 C09D4/00 C09D151/003 C09D183/06

European: C08F275/00 C08F283/12 C08F283/12B C08F290/14 C08F290/14F C08J7/04L C09D151/00B C09D183/06 C09D183/10 C09D4/00 M08F230/08 M08J333/06 M08J369/00

US: 427/384 427/384S 427/385.5 428/412 428/412P 428/423.1 428/423.100S 524/261

Family:

Publication number	Publication date	Application number	Application date
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AU200073037 A1	20010510	AU20000073037	20000922
AU200073037 A5	20010510	AU20000073037	20000922
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DE60018789 D1	20050421	DE20006018789T	20000922
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JP2003517369 T2	20030527	JP20010528502T	20000922
JP2004510015 T2	20040402	JP20020529225T	20010921
KR100682148 B1	20070212	KR20027004401	20000922
KR20020035173 A	20020509	KR20027004401	20000922
KR20030041992 A	20030527	KR20037004131	20010921
MXPA02003532 A1	20020902	MX2002PA03532	20000922
MXPA03002311 A1	20050125	MX2003PA02311	20010921
NO20021627 A	20020605	NO20020001627	20020405
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NO20031316 A	20030321	NO20030001316	20030321
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NO20031316 L	20030321	NO20030001316	20030321
TWI224616 B	20041201	TW20000120925	20001006
US2004039094 AA	20040226	US20030380329	20030922
US2005118429 AA	20050602	US20050029458	20050106
WO0125343 A1	20010412	WO2000GB03643	20000922
WO0224824 A1	20020328	WO2001GB04233	20010921

Priority:

GB19990023747 19991007 WO2000GB03643 20000922 GB20010007233 20010322
 GB20010009301 20010412 WO2001GB04233 20010921 KR20027004401 20020404
 WO2000GB03643 20020404

Probable Assignee: WELDING INST

Assignee(s): (std): TAYLOR ALAN ; THE WELDING INSTITUTE ; WELDING INC ; WELDING INST ABINGTON ; WELDING INST

Assignee(s): MORE WELDING INST ; THE WELDING INSTITUTE ABINGTON ; WELDING INSTITUTE THE ; THE WELDING INC ; THE WELDING INST

Inventor(s): (std): TAYLOR ALAN ; ALAN TAYLOR ; A TAYLOR

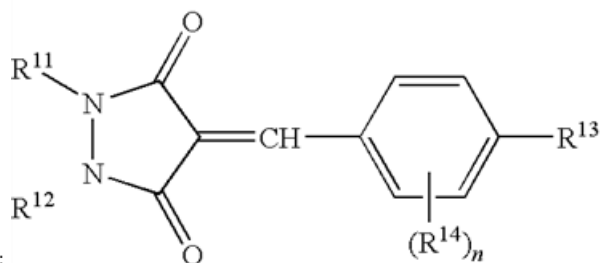
Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; BORDEN LADNER GERVAIS LLP; DICKSTEIN SHAPIRO MORIN AND OSHINSKY LLP, 41ST FLOOR; DICKSTEIN SHAPIRO MORIN AND OSHINSKY LLP 41ST FLOOR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: ULTRAVIOLET ABSORBENT AND POLYMER MATERIAL CONTAINING THE SAME

Abstract: An ultraviolet absorbent, containing a compound represented by formula (1) or (2); and a polymer material containing

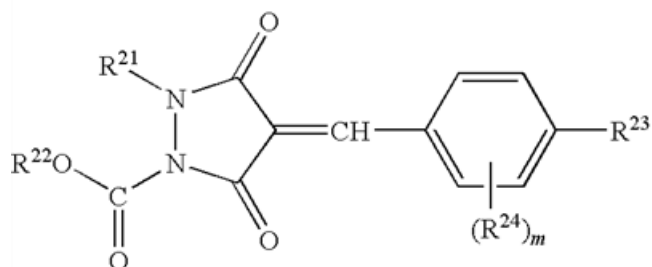
Formula (1)



the ultraviolet absorbent:

- wherein R^{11} , R^{12} and R^{14} each independently represent a monovalent substituent; R^{13} represents a hydrogen atom or a substituent having a Hammett substituent constant s_p of -0.35 or more; and n represents an integer of 0 to 4; and

Formula (2)



- wherein R^{21} represents a substituted or unsubstituted alkyl group having 1 to 18 carbon atoms, or a substituted or unsubstituted phenyl group; R^{22} represents a substituted or unsubstituted alkyl group having 1 to 18 carbon atoms; R^{23} represents a hydrogen atom or a substituent having a Hammett substituent constant s_p of -0.35 or more; R^{24} represents a monovalent substituent; and m represents an integer of 0 to 4.

Classifications:

International (IPC 8-9): C07D231/34 C08K5/3445 C08L33/00 C08L67/00 C08L69/00 C09K3/00 (Advanced/Invention); C07D231/34 C07D231/36 (Advanced/Non-invention); C07D231/00 C08K5/00 C08L33/00 C08L67/00 C08L69/00 C09K3/00 (Core/Invention); C07D231/00 (Core/Non-invention)

CPC: C07D231/34 C07D231/36 C08K5/005 C08K5/3445

European: C07D231/34 C07D231/36 C08K5/00P6 C08K5/3445

US: 524/106 548/366.4 548/366.400S 548/367.1 548/367.100S

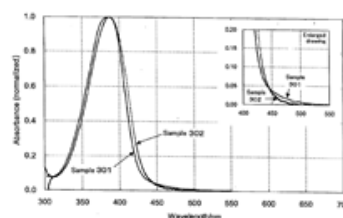
PatBase - US2010010123_AA

Patent Application Publication

Jan. 14, 2010

US 2010/0010123 A1

Fig. 1



Family:

Publication number	Publication date	Application number	Application date
JP2010018686 A2	20100128	JP20080179501	20080709
US2010010123 AA	20100114	US20090499493	20090708

Priority:

JP20080179501 20080709

Probable Assignee: FUJIFILM HOLDINGS CORP

Assignee(s): (std): FUJIE YOSHIHIKO ; FUJIFILM CORP ; HOSHIMIYA TAKASHI ; MIKOSHIBA HISASHI

Assignee(s): FUJIFILM HOLDINGS CORP

Inventor(s): (std): HOSHIMIYA TAKASHI ; MIKOSHIBA HISASHI ; FUJIE YOSHIHIKO ; MIKOSHIBA NAO
Agent(s): BIRCH STEWART KOLASCH AND BIRCH

Title: LAMINATED SAFETY GLASS SHEETS - PRODN - ENCLOSING RESIN COMPSN POLYME IN SITU

Abstract: A laminated safety sheet comprises two glass sheets of equal thickness enclosing greater than or equal to 1 layers of different thickness of thermo. hardenable liquid resins polymerised in situ. The resin comprises (a) greater than or equal to 1 oligoesters (1) contg. maleic gps. each of which has a free acid gp., (1) being the reaction pdt. of maleic anhydride with polyhydroxy cpds. (11), using 1 mole of maleic anhydride per OH gp., (b) greater than or equal to 1 vinyl cross-linking monomers as 15-70 percent by wt. of the compn. and (c) a polymsn. inhibitor as 30-300 p.p.m. by wt. of the compn. The compsn. has a low viscosity for easy distribution of the initiator and removal of air bubbles, is transparent, has permanent clarity, uniform R.I. after polymsn., good adhesion to glass, adequate shrinkage after polymsn. and good optical and acoustic props.

Classifications:

International (IPC 8-9): B32B17/10 C03C27/12 C08F16/12 C08F22/00 C08F222/20 (Advanced/Invention); B32B17/06 C03C27/12 C08F16/00 C08F22/00 C08F222/00 (Core/Invention)

International (IPC 1-7): B32B17/00 B32B27/00 B32B31/00 C03C27/00 C03C27/12 C08F29/00 C08F41/00

CPC: B32B17/10036 B32B17/10486 B32B17/10779 C08F16/12 C08F22/00 C08F222/20

European: B32B17/10C4 B32B17/10E40D4 B32B17/10G32 C08F16/12 C08F22/00 C08F222/20

Family:

Publication number	Publication date	Application number	Application date
FR2101083 A1	19720331	FR19700030431	19700819

Priority:

FR19700030431 19700819

Probable Assignee: SAINT GOBAIN SA

Assignee(s): (std): SAINT GOBAIN PONT A MOUSSON ; SAINT GOBAIN SA

Assignee(s): COMPAGNIE DE SAINT GOBAIN PONT A MOUSSON ; DE SAINT GOBAIN PONT A MOUSSON COMP

Inventor(s): MBRE ; M BRE

Title: LIGHT ABSORBING LAYER FOR PHOTO-CHROMIC SYSTEMS

Abstract: A composition which comprises a light absorbing layer adhered to an underlying layer containing a photo-chromic colorant, which photo-chromic colorant has been activated by exposure to **UV** light to undergo a reversible color change, and wherein the rate of color reversion is dependent on temperature, is provided. The ultraviolet light and/or visible light absorbing layer may also contain components which reflect rather than absorb light and can be conveniently applied via thermal transfer or ink jet to a substrate comprising the photo-chromic colorant to protect it from unwanted exposure to **UV** and/or certain wavelengths visible light. The composition is conveniently employed in a temperature time indicator (TTI).

Classifications:

International (IPC 8-9): B32B3/00 B32B5/16 B32B7/00 B41M5/00 B41M5/385 B41M5/46 C08K5/1545 C08K5/3492 C08L101/00 C09D11/00 C09D117/00 C09K3/00 C09K9/02 G01K3/04 G01N31/22 G02B5/20 G02B5/23 (Advanced/Invention); B41M5/00 B41M5/26 B41M5/40 C08K5/00 C08L101/00 C09D11/00 C09D117/00 C09K3/00 C09K9/02 G01K3/00 G01N31/22 G02B5/20 G02B5/22 (Core/Invention)

International (IPC 1-7): G01N31/22

CPC: Y10S428/913 Y10T428/24901 Y10T428/2495 B41M5/392 B41M2205/02 B41M2205/40 C09D11/50 G01K3/04 G01K11/12 G01N31/229 Y10T428/31507 Y10T428/31551 Y10T428/31721 Y10T428/31725 Y10T428/31786 Y10T428/31801 Y10T428/31855 B41M5/46 B41M5/385 C09K9/02

European: B41M5/385 B41M5/392 B41M5/46 C09D11/50 C09K9/02 G01K11/12 G01K3/04 L41M205/02 L41M205/40 S01N31/22L

US: 374/E11.018 374/E11.018S 374/E3.004 374/E30.04S 428/207 428/213 428/412 428/423.1 428/446 428/473.5 428/474.4 428/480 428/484.1 428/500 428/913 503/200 503/200S 503/201

PatBase - KR20090082258_H

(31)  KOREAN INTELLECTUAL PROPERTY OFFICE

KOREAN PATENT ABSTRACTS

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(43) Date of publication of application: 29.07.2009

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(72) Inventor: HOEKSTRA KATHLEEN
NICHOLS DAVID J.
BIRNEY ROSS

(21) Application number: 1020097010791
(22) Date of filing: 16.10.2007
(30) Priority: 2006 854931 US 26.10.2006
(51) Int. Cl.: B41M 5/385 (2006.01);
C09D 117/00 (2006.01);
C09K 9/02 (2006.01)

(54) LIGHT ABSORBING LAYER FOR PHOTO-CHROMIC SYSTEMS

(57) Abstract:
A composition which comprises a light absorbing layer adhered to an underlying layer containing a photo-chromic colorant, which photo-chromic colorant has been activated by exposure to UV light to undergo a reversible color change, and wherein the rate of color reversion is dependent on temperature, is provided. The ultraviolet light and/or visible light absorbing layer can be conveniently applied via thermal transfer or ink jet to a substrate comprising the photo-chromic colorant to protect it from unwanted exposure to UV and/or certain wavelengths visible light. The composition is conveniently employed in a temperature time indicator (TTI).
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Family:

Publication number	Publication date	Application number	Application date
 CN101529245 A	20090909	CN200780040053	20071016
 CN101529245 B	20111228	CN200780040053	20071016
 EP2076767 A2	20090708	EP20070821354	20071016
 IN02241CN2009 A	20100402	IN2009CN02241	20090422
 JP2010507699 T2	20100311	JP20090533790T	20071016
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 MX2009004480 A1	20090512	MX20090004480	20071016
 US2008167183 AA	20080710	US20070977197	20071024
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 WO08049755 A2	20080502	WO2007EP60987	20071016
 WO08049755 A3	20080619	WO2007EP60987	20071016

Priority:

US20060854931P 20061026 WO2007EP60987 20071016 US20070977197 20071024

Probable Assignee: CIBA CORP

Assignee(s): (std): BASF SE ; BIRNEY ROSS ; CIBA HOLDING INC ; HOEKSTRA KATHLEEN ; NICHOLS DAVID J ; NICHOLS DAVID ; CIBA SC HOLDING AG ; CIBALTD

Assignee(s): BIZERBA GMBH AND CO KG ; CIBA CORP

Inventor(s): (std): HOEKSTRA KATHLEEN ; NICHOLS DAVID J ; BIRNEY ROSS ; NICHOLS DAVID ; KATHLEEN HOEKSTRA ; ROSS BIRNEY

Inventor(s): DAVID J NICHOLS

Agent(s): MIYAKE TOSHIO; TSUKUNI AND ASSOCIATES; TSUKUNI HAJIME; JOANN VILLAMIZAR PATENT DEPARTMENT CIBA SPECIALTY CHEMICALS CORP; QI; CIBA HOLDING INC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: **Photochromic** hair coloring composition

Abstract: A **photochromic** hair coloring composition and a method for applying to hair a **photochromic** composition, for example, selectively to form a design, which is not visible indoors but becomes visible upon exposure to sunlight.

Classifications:

International (IPC 8-9): A61K8/49 A61Q5/10 (Advanced/Invention);

A61K8/30 A61Q5/10 (Core/Invention)

International (IPC 1-7): A61K7/06

CPC: A61K8/4973 A61Q5/10

European: A61K8/49H A61Q5/10

US: 424/70.1 424/70.6

Family:

Publication number	Publication date	Application number	Application date
 US2002122780 AA	20020905	US20000549750	20000414

Priority:

US20000549750 20000414

Probable Assignee: DRAGOCO GERBERDING AND CO

Assignee(s): DRAGOCO GERBERDING AND CO ; DRAGOCO INC ; FEDERER BLAZENA ; MCMANUS MARJORIE

Inventor(s): (std): FEDERER BLAZENA ; MCMANUS MARJORIE

Title: NEW TRIAZINE DERIVATIVE, ULTRAVIOLET ABSORBER, AND RESIN COMPOSITION

Abstract: To provide a novel triazine-based compound exhibiting an ultraviolet blocking effect even in the long-wavelength region and being useful as an ultraviolet absorber with excellent light resistance, and to provide an ultraviolet absorber and a resin composition, which can maintain a long-wavelength ultraviolet-blocking effect for a long period of time. A compound represented by the following formula (1): wherein each of R^{1a}, R^{1b}, R^{1c}, R^{1d} and R^{1e} independently represents a hydrogen atom or a monovalent substituent excluding OH, provided that at least one substituent represents a substituent having a Hammett's σ value of 0.3 or more and substituents may combine with each other to form a ring, and each of R^{1g}, R^{1h}, R¹ⁱ, R^{1j}, R^{1k}, R^{1l}, R^{1m} and R^{1p} independently represents a hydrogen atom or a monovalent substituent, provided that substituents may combine with each other to form a ring.

Classifications:

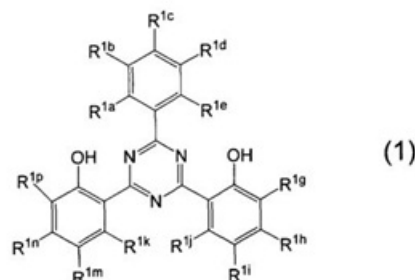
International (IPC 8-9): A61K8/49 A61Q17/04 C07D251/00 C07D251/24 C07D401/10 C08K5/3492 C08L101/00 C09K15/30 C09K3/00 (Advanced/Invention)

CPC: C07D251/24 C08K5/3492 C09K15/30

European: C07D251/24 C08K5/3492 C09K15/30

US: 524/100 544/216 544/216S

PatBase - W011013723_A1



Family:

Publication number	Publication date	Application number	Application date
CN102510861 A	20120620	CN201080042098	20100728
DE602010050410 D1	20180530	DE201060050410T	20100728
EP2460799 A1	20120606	EP20100804469	20100728
EP2460799 A4	20130123	EP20100804469	20100728
EP2460799 B1	20180502	EP20100804469	20100728
JP2011088885 A2	20110506	JP20100152491	20100702
JP2011168575 A2	20110901	JP20100152490	20100702
JP5613481 B2	20141022	JP20100152490	20100702
JP5613482 B2	20141022	JP20100152491	20100702
US2012136098 AA	20120531	US20100387505	20100728
US8957140 BB	20150217	US20100387505	20100728
WO11013723 A1	20110203	WO2010JP62734	20100728

Priority:

JP20090176897 20090729 JP20090206478 20090907 JP20090221661 20090925
 JP20100009536 20100119 JP20100152490 20100702 JP20100152491 20100702
 EP20100804469 20100728 WO2010JP62734 20100728

Probable Assignee: FUJIFILM HOLDINGS CORP

Assignee(s): (std): AMASAKI ICHIRO ; FUJI PHOTO FILM CO LTD ; FUJIFILM CORP ; FUJIFILM HOLDINGS CORP ; KIMURA KEIZO ; NAKAMURA TAKUMI ; YOKOYAMA HIROSHI ; TSUMURA KYOSUKE ; WATANABE YUKIE

Inventor(s): (std): NAKAMURA TAKUMI ; YOKOYAMA HIROSHI ; KIMURA KEIZO ; AMASAKI ICHIRO ; TSUMURA KYOSUKE ; WATANABE YUKIE ; AMAGASAKI KAZUMICHI ; YOKOYAMA YUTAKA ; ICHIRO AMASAKI ; HIROSHI YOKOYAMA ; KEIZO KIMURA ; KYOSUKE TSUMURA ; TAKUMI NAKAMURA ; YUKIE WATANABE

Inventor(s): AMASAKI ICHIRO ODAWARA SHI KANAGAWA ; KIMURA KEIZO ODAWARA SHI KANAGAWA ; WATANABE YUKIE ODAWARA SHI KANAGAWA ; TSUMURA KYOSUKE MINAMI ASHIGARA SHI KANAGAWA ; YOKOYAMA HIROSHI MINAMI ASHIGARA SHI KANAGAWA ; NAKAMURA TAKUMI MINAMI ASHIGARA SHI KANAGAWA

Agent(s): SIEGERT GEORG; HOFFMANN EITEL; SUGHRUE MION PLLC; TAKAMATSU TAKESHI ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SELF INDICATING RADIATION ALERT DOSIMETER

Abstract: Described as a self-indicating instant radiation dosimeter (1001) for monitoring high energy radiations, such as X-ray. The dosimeter contains a radiation sensitive, color changing, indicating composition (10), e.g., a diacetylene (R-C-C-C-R', where R and R' are substituents groups) or a radiochromic dye, a polymeric binder (20) and optionally a shelf life extender (50) or an activator (40). The radiation sensitive composition (10) changes color instantly when exposed to high energy radiation. The dose is estimated by comparing the color with a color reference chart or more accurately with a spectrophotometer or an optical densitometer. The radiation sensitive composition (10) is protected from low energy radiation such as **UV** light, by a layer of low energy absorbing materials, such as **UV** absorbers.

Classifications:**International (IPC 8-9):** B05D5/06 B32B37/12 C08K5/00 C08L101/00

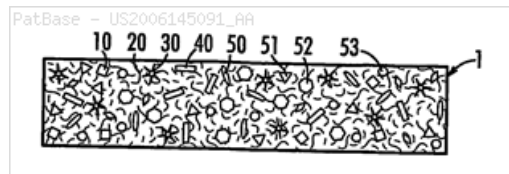
C09K3/00 C09K9/00 G01N31/22 G01T1/00 G01T1/02 G01T1/04

G01T1/06 G01T1/08 G01T1/11 G03C1/72 (Advanced/Invention)

International (IPC 1-7): G01T1/04 G01T1/06**CPC:** G01T1/04 G01T1/06 Y10T156/10**European:** G01T1/04 G01T1/06**US:** 1/1 156/60 156/60S 250/473.1 250/473.100P 250/474.1

250/474.100P 250/474.100S 250/482.1 250/484.4 250/484.5 252/408.1

252/408.100P 427/158 427/158S 430/332

**Family:**

Publication number	Publication date	Application number	Application date
CA2517873 AA	20050826	CA20042517873	20040226
CA2517873 C	20120410	CA20042517873	20040226
EP1599744 A2	20051130	EP20040715129	20040226
IL170255 A1	20120229	IL20040170255	20040226
IN01760KN2005 A	20070720	IN2005KN01760	20050905
JP2006519383 T2	20060824	JP20060503901T	20040226
JP2011257417 A2	20111222	JP20110162594	20110725
JP4852410 B2	20120111	JP20060503901	20040226
JP5015343 B2	20120829	JP20110162594	20110725
RU2005129994 A	20060610	RU20050129994	20040226
RU2345384 C2	20090127	RU20050129994	20040226
US2006145091 AA	20060706	US20040545796	20040226
US2012181453 AA	20120719	US20120371619	20120213
US2012205591 AA	20120816	US20120330063	20120305
US2017023681 AA	20170126	US20150803631	20150720
US7227158 BA	20070605	US20050269147	20051108
US7476874 BB	20090113	US20040545796	20040226
US8115182 BA	20120214	US20070930529	20071031
US8872134 BB	20141028	US20120330063	20120305
US9086489 BB	20150721	US20120371619	20120213
WO04077097 A2	20040910	WO2004US05860	20040226
WO04077097 A3	20050623	WO2004US05860	20040226

Priority:

US20030450267	20030227	US20030450267P	20030227	US20030454796	20030604
JP20060503901	20040226	US20040545796	20040226	WO2004US05860	20040226
US20040626287P	20041109	US20050545796	20050817	US20050269147	20051108
US20070930529	20071031	US20110371619	20111219	US20120371619	20120213
US20120330063	20120305	US20150803631	20150720		

Probable Assignee: JP LABS INC**Assignee(s):** (std): DZHEJ PI LEHBOREHTORIZ INK ; JP LAB INC ; JP LABORATORIES INC ; JP LABS INC ; PATEL GORDHANBHAI N ; PATEL GORDHANBHAI N**Assignee(s):** NEW YORK UNIV**Inventor(s):** (std): PATEL PARESHKUMAR ; PATEL JESSICA ; GORDHANBHAI N PATEL ; PATEL GORDKHANBKHAI N ; PATEL GORDHANBHAI N ; PATEL GORDHANBHAI N**Inventor(s):** PATEL GORDHANBHAI NQ ; PATEL GORDHANBHAI ; PATEL' GORDKHANBKHAI N.**Agent(s):** GOUDREAU GAGE DUBUC ; SANFORD TCOLB AND CO ; NEXSEN PRUETT JACOBS AND POLLARD; NEXSEN PRUETT LLC ; JOSEPH T ; GUY JOSEPH T ; BARBARA V**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: SEE THROUGH DISPLAY ENABLING THE CORRECTION OF VISUAL DEFICITS

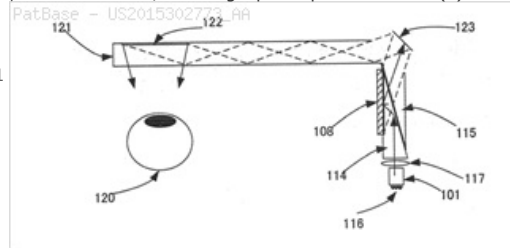
Abstract: A See-Through Display System with the ability to correct visual deficits such as presbyopia, color blindness and poor night vision is disclosed. This invention enables the correction of visual deficits using camera(s), microdisplay(s), controlling circuit(s) and see through optics such as free form lens/mirror, half-mirror, diffractive and/or holographic optical element(s).

Classifications:

International (IPC 8-9): G02B26/00 G02B27/01 G02B27/02 G09B21/00 G09G3/20 (Advanced/Invention)

CPC: G02B27/0172 G02B27/0178 G02B5/30 G02B27/48 G02B27/011 G02B27/012 G02B27/0123 G02B27/0138 G02B27/0174 G09B21/008 G02B6/0035 G02C11/10 G02C2202/10 G02B6/0031 G02B27/027 G02B27/0112 G02B27/0118 G02B27/0127 G02B27/014 G09G3/2003 G09G3/003 G09G3/2018 G09G2320/0242 G09G2320/0626 G09G2360/14 G09G2380/08 G02B6/00

US: 348/63



Family:

Publication number	Publication date	Application number	Application date
US2015302773 AA	20151022	US20140121588	20140920
US2017322422 AA	20171109	US20170659619	20170726
WO14209431 A1	20141231	WO2014US00153	20140627
WO19017861 A1	20190124	WO2017US42289	20170716

Priority:

US20130957258P 20130627	US20130958491P 20130729	US20130959953P 20130907
US20130960537P 20130921	US20140966519P 20140225	US20140995664P 20140417
US20140121588 20140920	WO2017US42289 20170716	US20170659619 20170726

Probable Assignee: IRON CITY MICRODISPLAY INC

Assignee(s): (std): IRON CITY MICRODISPLAY INC ; ISHII FUSAO ; LSHII FUSAO ; STONE VICTOR

Inventor(s): (std): ISHII FUSAO ; LSHII FUSAO ; STONE VICTOR

Agent(s): LIN BO IN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW