

Title (en)

Silver halide photosensitive material and packaged body containing the same

Title (de)

Lichtempfindliches Silberhalogenidmaterial und dieses enthaltender verpackter Gegenstand

Title (fr)

Matériau photosensible à l'halogénure d'argent et corps emballé le contenant

Publication

EP 1750173 A1 20070207 (EN)

Application

EP 06014800 A 20060717

Priority

JP 2005226621 A 20050804

Abstract (en)

The present invention provides a silver halide photosensitive material having, on at least one side of a transparent support, at least one photosensitive silver halide emulsion layer, and including an anionic fluorocarbon compound represented by the following formula (1), an anionic hydrocarbon compound represented by the following formula (2), and at least one of an anionic hydrocarbon compound represented by the following formula (3) or an anionic hydrocarbon compound represented by the following formula (4): #####Formula (3) R 3 ##(L 3) b ##Z 3
A silver halide photosensitive material excellent in coated surface state and antistatic property, and a packaged body containing the silver halide photosensitive material are provided.

IPC 8 full level

G03C 1/38 (2006.01); **G03C 3/00** (2006.01)

CPC (source: EP)

G03C 1/38 (2013.01); **G03C 3/00** (2013.01); **G03C 1/385** (2013.01)

Citation (applicant)

- JP S6147948 A 19860308 - DAIKIN IND LTD, et al
- JP S62109044 A 19870520 - FUJI PHOTO FILM CO LTD
- JP H07159929 A 19950623 - MINNESOTA MINING & MFG
- JP 2005003888 A 20050106 - FUJI PHOTO FILM CO LTD
- JP 2001003263 A 20010109 - SANYO CHEMICAL IND LTD
- US 5602087 A 19970211 - SUBRAMANYAM RAVI [US], et al
- JP S62215272 A 19870921 - FUJI PHOTO FILM CO LTD
- GB 635841 A 19500419 - KODAK LTD, et al
- US 3622318 A 19711123 - EVANS FRANCIS J
- JP H0268539 A 19900308 - FUJI PHOTO FILM CO LTD
- US 3700458 A 19721024 - LINDHOLM ROBERT D
- JP H05313282 A 19931126 - FUJI PHOTO FILM CO LTD
- JP H06110144 A 19940422 - FUJI PHOTO FILM CO LTD
- US 2448060 A 19480831 - SMITH WILLIAM F, et al
- GB 618061 A 19490216 - KODAK LTD, et al
- US 1574944 A 19260302 - SHEPPARD SAMUEL E
- US 2278947 A 19420407 - OSKAR RIESTER
- US 2410689 A 19461105 - SHEPPARD SAMUEL E, et al
- US 2728668 A 19551227 - EDWIN MOCHEL WALTER
- US 5501313 A 19960326 - BONNET HENRI [US]
- US 3656955 A 19720418 - USHIMARU YOSHUKU, et al
- JP S6076743 A 19850501 - FUJI PHOTO FILM CO LTD
- JP S6087322 A 19850517 - FUJI PHOTO FILM CO LTD
- JP S6080839 A 19850508 - FUJI PHOTO FILM CO LTD
- JP S57164735 A 19821009 - FUJI PHOTO FILM CO LTD
- JP S6136213 B2 19860816
- JP S5990844 A 19840525 - FUJI PHOTO FILM CO LTD
- JP S62276539 A 19871201 - FUJI PHOTO FILM CO LTD
- JP H0394249 A 19910419 - KONISHIROKU PHOTO IND
- US 3522052 A 19700728 - SHIBA KEISUKE, et al
- US 3617197 A 19711102 - ULRICH HERBERT M
- US 3713828 A 19730130 - HAYASHI J, et al
- US 3615643 A 19711026 - SHIBA KEISUKE, et al
- US 3615632 A 19711026 - SHIBA KEISUKE, et al
- US 3617293 A 19711102 - SHIBA KEISUKE, et al
- US 3628964 A 19711221 - SHIBA KEISUKE, et al
- US 3703377 A 19721121 - SAKAZUME KAIICHIRO, et al
- US 3666480 A 19720530 - SHIBA KEISUKE, et al
- US 3667960 A 19720606 - SHIBA KEISUKE, et al
- US 3679428 A 19720725 - SHIBA KEISUKE, et al
- US 3672897 A 19720627 - SATO AKIRA, et al
- US 3769026 A 19731030 - SATO A, et al
- US 3556800 A 19710119 - KIMURA SHIRO, et al
- US 3615613 A 19711026 - SHIBA KEISUKE, et al
- US 3613638 A 19711019 - SOLAREK THOMAS W
- US 3615635 A 19711026 - SHIBA KEISUKE, et al
- US 3705809 A 19721212 - NAKAZAWA YOSHIYUKI, et al
- US 3632349 A 19720104 - SHIBA KEISUKE, et al
- US 3677765 A 19720718 - NADAZAWA YOSHIYUKI, et al
- US 3770449 A 19731106 - SHIBA K, et al

- US 3770440 A 19731106 - SATO A, et al
- US 3769025 A 19731030 - OHKUBO K, et al
- US 3745014 A 19730710 - SATO A, et al
- US 3713826 A 19730130 - SYKES D, et al
- US 3567458 A 19710302 - MILTON KIRBY M
- US 3625698 A 19711207 - SAKAZUME KAIICHIRO, et al
- US 2526632 A 19501024 - BROOKER LESLIE G S, et al
- US 2503776 A 19500411 - SPRAGUE ROBERT H
- JP S4876525 A 19731015
- BE 691807 A 19670529
- JP S6080848 A 19850508 - FUJI PHOTO FILM CO LTD
- JP S61112144 A 19860530 - EASTMAN KODAK CO
- JP S62172343 A 19870729 - FUJI PHOTO FILM CO LTD
- JP S62173459 A 19870730 - FUJI PHOTO FILM CO LTD
- US 2992101 A 19610711 - JELLEY EDWIN E, et al
- US 2701245 A 19550201 - WILLIAM LYNN
- US 4142894 A 19790306 - HORI KIYOTAKA, et al
- US 4396706 A 19830802 - ISHII TSUMORU [JP], et al
- US 3489576 A 19700113 - VINCENT WILLIAM R, et al
- US 4047958 A 19770913 - YONEYAMA MASAKAZU, et al
- JP S5623139 B2 19810529
- GB 738618 A 19551019 - KODAK LTD
- GB 738637 A 19551019 - KODAK LTD
- GB 738639 A 19551019 - KODAK LTD
- US 2960404 A 19601115 - MILTON KIRBY M, et al
- US 3121060 A 19640211 - DUANE JEROME J
- JP S495017 A 19740117
- JP S5328086 B2 19780812
- JP S6368887 A 19880328 - FUJITSU LTD
- JP S63149641 A 19880622 - FUJI PHOTO FILM CO LTD
- JP S5341221 A 19780414 - FUJI PHOTO FILM CO LTD
- JP S5357257 A 19780524 - FUJI PHOTO FILM CO LTD
- JP S59162546 A 19840913 - FUJI PHOTO FILM CO LTD
- JP S6080846 A 19850508 - FUJI PHOTO FILM CO LTD
- US 3325287 A 19670613 - NOBUO YAMAMOTO, et al
- US 3396029 A 19680806 - WOLFGANG HIMMELMANN, et al
- US 3623878 A 19711130 - NISHIO FUMIHIKO, et al
- US 3362827 A 19680109 - YASUSHI OISHI, et al
- JP S5666841 A 19810605 - FUJI PHOTO FILM CO LTD
- JP S56142524 A 19811106 - FUJI PHOTO FILM CO LTD
- US 4161407 A 19790717 - CAMPBELL GERALD A [US]
- JP S5465033 A 19790525 - EASTMAN KODAK CO
- US 4130429 A 19781219 - VAN DOORSELAER MARCEL K
- JP S61116354 A 19860603 - KONISHIROKU PHOTO IND
- US 4800150 A 19890124 - KATOH KAZUNOBU [JP]
- JP S63305345 A 19881213 - FUJI PHOTO FILM CO LTD
- JP H01166031 A 19890629 - FUJI PHOTO FILM CO LTD
- US 4803150 A 19890207 - DICKERSON ROBERT E [US], et al
- JP H02264944 A 19901029 - FUJI PHOTO FILM CO LTD
- JP H0339948 A 19910220 - FUJI PHOTO FILM CO LTD
- EP 0452772 A1 19911023 - FUJI PHOTO FILM CO LTD [JP]
- JP H0839948 A 19960213 - NISSHIN SPINNING
- JP H02103037 A 19900416 - FUJI PHOTO FILM CO LTD
- JP H02115837 A 19900427 - FUJI PHOTO FILM CO LTD
- JP 2000112078 A 20000421 - FUJI PHOTO FILM CO LTD
- JP H0413697 B2 19920310
- JP H08254793 A 19961001 - FUJI PHOTO FILM CO LTD
- JP 2000206653 A 20000728 - KONISHIROKU PHOTO IND
- JP S6363037 A 19880319 - KONISHIROKU PHOTO IND
- JP S5732952 A 19820222 - TOPPAN PRINTING CO LTD
- JP S63197943 A 19880816 - EASTMAN KODAK CO
- J. AMER. CHEM. SOC., vol. 65, 1943, pages 2196
- J PHYS. CHEM., vol. 90, 1986, pages 2413
- J. DISPERSION SCI. AND TECH., vol. 4, 1983, pages 361
- JOURNAL OF FLUORINE CHEMISTRY, vol. 84, 1997, pages 53 - 61
- RESEARCH DISCLOSURE , ITEM 17643, December 1978 (1978-12-01), pages 26
- RESEARCH DISCLOSURE , ITEM 18716, November 1979 (1979-11-01), pages 650
- RESEARCH DISCLOSURE , ITEM 307105, November 1989 (1989-11-01), pages 875
- RESEARCH DISCLOSURE , ITEM 17643, December 1978 (1978-12-01), pages 651
- RESEARCH DISCLOSURE , ITEM 307105, November 1989 (1989-11-01), pages 873
- RESEARCH DISCLOSURE , ITEM 17029, June 1978 (1978-06-01)
- RESEARCH DISCLOSURE , ITEM 17333, 1978
- RESEARCH DISCLOSURE , ITEM 16725, 1978

Citation (search report)

- [XY] EP 1521116 A2 20050406 - FUJI PHOTO FILM CO LTD [JP]
- [Y] JP 2003307821 A 20031031 - FUJI PHOTO FILM CO LTD
- [Y] JP 2002082402 A 20020322 - FUJI PHOTO FILM CO LTD
- [Y] JP S5321922 A 19780228 - FUJI PHOTO FILM CO LTD
- [DY] JP 2005003888 A 20050106 - FUJI PHOTO FILM CO LTD
- [PX] JP 2006071747 A 20060316 - FUJI PHOTO FILM CO LTD

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1750173 A1 20070207; JP 2007041376 A 20070215

DOCDB simple family (application)

EP 06014800 A 20060717; JP 2005226621 A 20050804