

Search history

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Search 22: 13 and (((weak* or pKa) near acid) and (alkalin* near ("pH" or condition*))) (Results 14)

1) Family number: 49120112 (US2011146001A)

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Title: LAUNDRY DETERGENT COMPOSITION HAVING A MALODOR CONTROL COMPONENT AND METHODS OF LAUNDERING FABRICS

Abstract: A detergent laundry composition comprising a malodor control component having at least one volatile aldehyde and an acid catalyst, and methods of laundry detergents are provided.

Classifications:

International (IPC 8-9): A47L15/00 A47L17/00 A61F13/15 A61F13/20 A61F13/49 A61F13/84 A61K31/33 A61L101/20 A61L101/32 A61L101/36 A61L15/20 A61L15/46 A61L2/16 A61L9/00 A61L9/01 A61L9/014 A61L9/015 A61L9/04 A61L9/14 B01D53/86 B01J31/04 B08B3/00 B65F1/00 C07C53/126 C07C55/10 C07C57/03 C07C63/04 C07C63/06 C08G73/02 C08J5/24 C08K5/00 C08K5/05 C08K5/07 C08K5/101 C08L101/00 C08L23/06 C11B9/00 C11D1/00 C11D1/04 C11D1/72 C11D1/83 C11D3/00 C11D3/02 C11D3/04 C11D3/16 C11D3/20 C11D3/22 C11D3/33 C11D3/34 C11D3/36 C11D3/37 C11D3/386 C11D3/50 C11D3/60 C11D7/60 D06F39/02 D06L1/16 D06L1/20 D06M13/12 (Advanced/Invention); A61F13/51 A61L101/20 A61L101/32 A61L101/36 (Advanced/Non-invention); A61L C11D (Subclass/Invention)

International (IPC 1-7): A61L101/20 A61L101/32 A61L101/36 A61L15/46 A61L9/01 A61L9/014 C11D3/00 C11D3/50

CPC: C11D3/3723 C11D3/2096 C11D3/3481 C11D3/2072 A47L15/0005 A61L9/044 A61L9/015 A61L15/46 C11D1/00 C11D3/2075 C11D3/33 C11D1/83 C11D3/2079 C11D3/373 C11D3/386 C11D3/38663 B65F1/0026 C11B9/0015 C11B9/0019 C11B9/0049 C11B9/0061 C11D3/0068 C11D3/50 C11B9/0076 A61L2/16 A61L9/04 C08K5/05 C08K5/07 C08K5/101 C08L23/06 A61F2013/51076 A61F2013/5109 A61F2013/8408 A61L2300/21 A61L2300/216 A61L2300/45 A61F13/8405 A61L15/20 A61L9/01 A61L2209/21 A61L9/014 A61L2209/22

European: A61L15/20 A61L15/46 A61L9/01 A61L9/014 C11D1/83 C11D3/00B14 C11D3/20D C11D3/20E1 C11D3/37B12 C11D3/37B9 C11D3/386 C11D3/386J C11D3/50 D06M13/12 K61L209/210 K61L300/210 K61L300/216 K61L300/450

US: 1/1 134/26 134/26P 134/26S 134/28 134/6 422/5 424/402 424/76.1 424/76.100P 424/76.100S 424/76.2 424/76.200P 424/76.21 424/76.210P 424/76.6 510/101 510/102 510/103 510/218 510/220 510/221 510/223 510/224 510/229 510/235 510/235S 510/236 510/237 510/237S 510/355 510/355S 510/360 510/360S 510/405 510/405S 510/480 510/488 510/492 510/503 510/505 512/11 512/12 512/18 512/20 514/183 523/102 604/359 604/359P 604/360 8/137 8/137P

JP F-Term: 4C080 4C080/AA06 4C080/BB02 4C080/BB03 4C080/CC03 4C080/CC09 4C080/HH03 4C080/KK03 4C080/LL02

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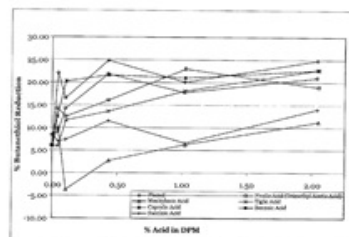


FIG. 1

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JP F-Index: A61L9/00/C A61L9/01/H A61L9/01/J A41B13/02/N A61F13/15/141 A61L15/20/200 A61L15/46/200 C08J5/24/CFC B01D53/36/H B01D53/86/110 B01J31/04/M D06M13/12 A47L17/00/Z C11B9/00/J C11D3/20 C11D3/22 C11D3/33 C11D3/36 C11D1/04 C11D1/83 C11D3/04 C11D3/34 C11D3/37 C11D3/386 D06F39/02 A61L9/14 C08G73/02 C07C53/126 C07C55/10 C07C57/03 C07C63/04 C07C63/06 C08K5/00 C08L23/06 C11B9/00/C C11B9/00/G C11B9/00/K C11B9/00/N C11B9/00/S C11B9/00/U A61L9/01/K A61L9/01/V A61L9/01/X A61L9/01/Y C08L101/00

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS ; WATERMARK INTELLECTUAL PROPERTY PTY LTD ; KIRBY EADES GALE BAKER ; DIMOCK STRATTON LLP ; WILSON LUE LLP ; MBM INTELLECTUAL PROPERTY LAW LLP ; ESTUDIO HARNECKER ; CAREY LTDA ; LLOVET AHUMADA RAUL ; MATHER PETER GEOFFREY ; MORELLE EVELYNE CHARLOTTE ISABELLE ; GOODIER CLAIRE LOUISE ; SIDDIQUEE SANAU KABIR ; KREMER VERONIQUE MARIE JOSEPHINE ; YORQUEZ RAMIREZ MARIA ISABEL ; DE ELZABURU ALBERTO ; DEL VALLE SONIA ; TANI AND ABE PC ; AMY I ; JOHN T ; AMANDA T ; ANDRES E ; MEGAN C ; AMY ; STEVEN W ; ABBEY A ; THE PROCTER AND GAMBLE COMPANY ; HUGHETT EILEEN L

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 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 PE PG PH PL PT QA RO RS RU RW 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

2) Family number: 40837679 (US2009311395A)

© PatBase

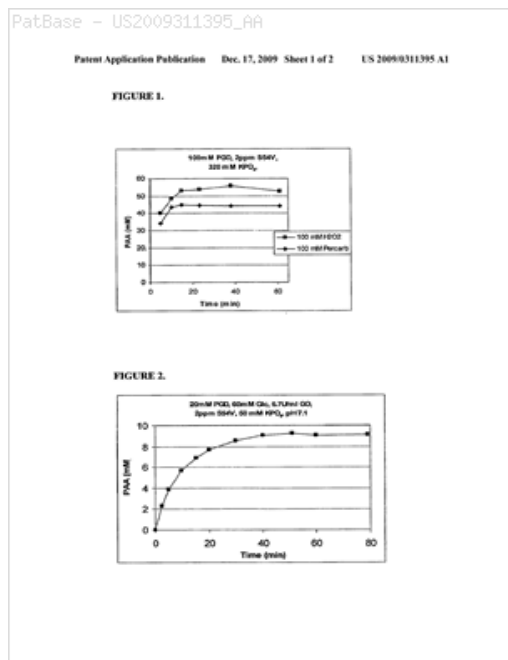
Title: ACYL TRANSFERASE USEFUL FOR DECONTAMINATION

Abstract: The present invention provides an enzyme system that efficiently generates peracetic acid for use in decontamination applications. In preferred embodiments, the present invention provides a system that comprises an ester substrate, a hydrogen peroxide, and at least one acyl transferase. In some particularly preferred embodiments, the system further comprises at least one surfactant. In alternatively preferred embodiments, the present invention provides at least one wild-type and/or variant acyl transferase. The present invention finds particular use in decontamination involving a wide variety of chemical and biological warfare materials, as well as for general surface cleaning and decontamination.

Classifications:

International (IPC 8-9): A01N63/00 A23B4/12 A23B7/10 A61L2/00
A61L2/18 A61L2/23 C07H21/04 C11D3/00 C11D3/386 C12N1/20
C12N9/04 C12N9/10 C12N9/14 C12N9/16 C12N9/18 C12N9/50 C12N9/52
C12P C12P21/06 C12P7/00 D06L1/14 D06L3/11
D06L4/40 (Advanced/Invention);
A23B4/12 A23B7/10 A61L2/00 A61L2/16 A61L2/18 C11D3/38 C12N9/04
C12N9/10 C12P7/00 D06L1/00 D06L3/00 (Core/Invention)

International (IPC 1-7): D06L1/14
CPC: A01N63/00 C11D3/38636 C12N9/16 C12N9/50 C12N9/52 C12P7/00 A61K31/327 A62D3/02 A62D3/38 A62D2101/02 A62D2203/04 C12N9/1025 D06L4/40 D06L1/14
European: A61K31/327 A62D3/02 A62D3/38 C12N9/10C C12P7/00 D06L1/14 D06L3/11 K62D101/02 K62D203/04
US: 1/1 422/28 422/28S 422/29 422/29S 424/94.6 426/332 426/332P 426/335 426/335S 435/190 435/190S 435/193 435/193S 510/305 510/392
JP F-Term: 4B050 4B050/CC07 4B050/CC10 4B050/DD02 4B050/LL04 4B050/LL10 4C058 4C058/AA02 4C058/AA03 4C058/AA05 4C058/AA06 4C058/AA07 4C058/AA12 4C058/AA14 4C058/AA21 4C058/AA23 4C058/AA24 4C058/AA30 4C058/BB07 4C058/CC02 4C058/JJ07 4C058/JJ08 4C058/JJ21
JP F-Index: A61L101/02 A61L101/20 A61L101/22 A61L101/36 A61L2/18 A61L2/18/102 C12N9/04/D C12N9/10



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Publication number	Publication date	Application number	Application date
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Priority:

US20030526764P 20031203	WO2004US40438 20041203	US20050748782P 20051209
US20050748782 20051209	US20060792111P 20060414	US20060581014 20060530
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US20140273384 20140508		

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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 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

3) Family number: 28851119 (US6083892A)

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Title: Automatic dishwashing detergents comprising beta -ketoester pro-fragrances

Abstract: PCT No. PCT/US97/14615 Sec. 371 Date Feb. 19, 1999 Sec. 102(e) Date Feb. 19, 1999 PCT Filed Aug. 19, 1997 PCT Pub. No. WO98/07812 PCT Pub. Date Feb. 26, 1998The present invention relates to Automatic Dishwasher Detergent (ADD) compositions having a fragrance delivery system which comprises beta -ketoester pro-fragrances which are capable of releasing fragrance raw materials which provide an aesthetically pleasurable benefit to tableware as well as the automatic dishwashing appliance. The present invention also relates to methods for providing lasting fragrance to dishware and to automatic dishwashing appliances.

Classifications:

International (IPC 8-9): A61K7/46 A61K8/00 A61K8/18 A61K8/19 A61K8/27 A61K8/30 A61K8/31 A61K8/35 A61K8/37 A61K8/41 A61K8/43 A61K8/44 A61K8/46 A61K8/73 A61K8/898 A61K8/90 A61K8/92 A61L9/01 A61Q1/02 A61Q1/14 A61Q13/00 A61Q15/00 A61Q19/00 A61Q19/10 A61Q9/04 C07C205/56 C07C45/67 C07C49/788 C07C49/84 C07C67/00 C07C68/02 C07C69/007 C07C69/716 C07C69/738 C07D307/16 C07D317/60 C11B9/00 C11D1/24 C11D1/44 C11D1/62 C11D1/72 C11D1/82 C11D11/00 C11D17/00 C11D17/06 C11D17/08 C11D3/00 C11D3/02 C11D3/20 C11D3/22 C11D3/33 C11D3/34 C11D3/37 C11D3/386 C11D3/39 C11D3/48 C11D3/50 D06M13/127 D06M13/224 D06M13/463 (Advanced/Invention); A61K8/00 A61K8/18 A61K8/30 A61K8/92 A61L9/01 A61Q1/02 A61Q1/14 A61Q19/00 A61Q9/04 C07C49/00 C07C67/00 C07C69/00 C11B9/00 C11D1/24 C11D1/722 C11D1/82 C11D17/08 C11D3/00 C11D3/34 C11D3/386 C11D3/39 (Advanced/Non-invention); C11D1/38 (Core/Invention); C11D3/38 C11D3/39 (Core/Non-invention)

International (IPC 1-7): A61K7/00 A61K7/02 A61K7/06 A61K7/32

A61K7/46 A61K7/48 A61L9/00 A61L9/01 A61L9/015 A61L9/04 C0769/716 C07C205/56 C07C67/00 C07C68/02 C07C69/716 C07C69/738 C07C69/738 C07D307/16 C07D317/60 C11B9/00 C11D1/12 C11D1/44 C11D1/62 C11D1/72 C11D1/831 C11D17/08 C11D3/00 C11D3/20 C11D3/22 C11D3/34 C11D3/37 C11D3/386 C11D3/39 C11D3/50 C23C14/16 D06M13/224

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European: A61K7/46K2 A61K7/48C4K A61K8/19 A61K8/27 A61K8/37 A61K8/41L A61K8/43 A61K8/44 A61K8/46F A61K8/73T A61K8/898 A61K8/90 A61L9/01 A61Q13/00 A61Q15/00 A61Q19/10 C07C205/56 C07C45/67C C07C49/788 C07C49/84 C07C69/007 C07C69/716 C07C69/738 C11D1/24 C11D1/62 C11D1/72B C11D1/82 C11D17/00A C11D17/00H8B C11D3/00B3L C11D3/04S C11D3/20F C11D3/22E C11D3/33 C11D3/37B2 C11D3/37B9 C11D3/48 C11D3/50 C11D3/50B4 K61K201/50 K61K800/57 M11D1/24 M11D1/722 M11D1/82 M11D3/39B2F

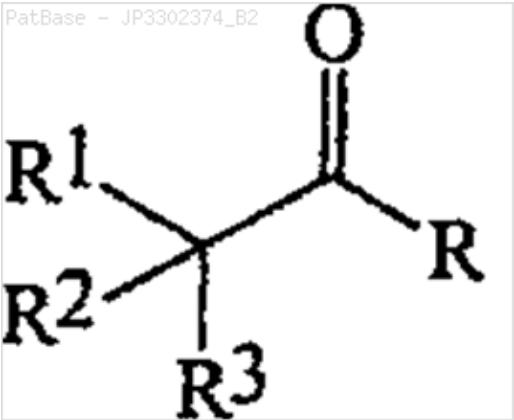
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JP F-Term: 4C083 4C083/KK02 4H003 4H003/AB19 4H003/AB27 4H003/AB31 4H003/AC08 4H003/AC15 4H003/BA09 4H003/BA12 4H003/BA27 4H003/DA01 4H003/DA02 4H003/DA05 4H003/EA09 4H003/EA12 4H003/EA15 4H003/EA16 4H003/EA21 4H003/EA28 4H003/EB08 4H003/EB09 4H003/EB22 4H003/EB30 4H003/EB36 4H003/ED02 4H003/EE05 4H003/EE08 4H003/FA25 4H003/FA26 4H003/AC05 4H003/AC13 4H003/AE02 4H003/EA02 4H003/EB07 4H003/EB13 4H003/EB14 4H003/EC02 4H003/ED28 4H003/FA04 4H003/FA43 4H003/BA10 4H003/EB28 4H003/EB38 4H003/FA06 4H003/FA16 4H003/FA32 4C083/AC01/2 4C083/AC02/1 4C083/AC02/2 4C083/AC07/2 4C083/AC10/2 4C083/AC12/2 4C083/AC18/2 4C083/AC21/1 4C083/AC24/2 4C083/AC33/1 4C083/AC33/2 4C083/AC34/2 4C083/AC48/2 4C083/AC53/2 4C083/AC93/2 4C083/AD04/2 4C083/AD09/2 4C083/AD15/2 4C083/AD51/1 4C083/BB01 4C083/BB21 4C083/BB48 4C083/BB49 4C083/BB51 4C083/CC02 4C083/CC05 4C083/CC17 4C083/CC18 4C083/CC19 4C083/CC50 4C083/DD31 4C083/EE06 4C083/KK01 4C083/KK03 4H003/AA01 4H003/AB22 4H003/BA01 4H003/BA15 4H003/DA04 4H003/DA12 4H003/DC01 4H003/EA11 4H003/EA27 4H003/EB32 4H003/EE07 4H003/FA05 4H003/FA21 4H003/FA28 4H059 4H059/BA30 4H059/BA35 4H059/BB14 4H059/BB18 4H059/BB46 4H059/DA09 4H059/EA36 4H003/EA06 4H003/CA15 4H003/EA03 4H003/EA19 4H003/EB04 4H003/EB12 4H003/EB37 4H003/FA22 4H003/FA23 4H006 4H006/AA03 4H006/AB72 4H006/BJ20 4H006/BJ50 4H006/BP10 4H006/BR20 4H006/BR30 4H059/BB45 4H059/EA35 4L033 4L033/AB04 4L033/AC02 4L033/AC10 4L033/BA11 4L033/BA21 4L033/BA53 4L033/BA68 4L033/BA75 4L033/BA86 4L033/BA12 4L033/BA29 4L033/CA02 4L033/CA48 4L033/CA60 4L033/DA02 4H003/AC09 4H003/DA19 4H003/EB02 4H003/EB20 4H003/EB26 4H003/EC01 4H003/EE06 4H003/FA27 4H006/AB68 4H006/AB70 4H006/BJ30 4H006/BN30 4H006/BP30 4H006/BQ30 4H006/BR10 4H006/BS30 4H006/KC14 4H059/BA12

JP F-Index: A61K7/46/385 A61K8/37 A61Q13/00/101 C11D3/50 C11D17/08 C11D3/37 A61K7/02 A A61K7/46 A61K7/46/441 A61K7/48 A61K8/00 A61K8/18 A61K8/30 A61K8/31 A61K8/35 A61K8/92 A61Q1/00 A61Q1/14 A61Q13/00/100 A61Q13/00/102 A61Q19/00 A61Q9/04 C11B9/00/S C11D3/20 C11D3/34 C07C205/56 C07C69/738/Z C11B9/00/Z D06M13/224 D06M13/463 C11B9/00/V C07C69/716/Z

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US19990242650 19990318	US19990242651 19990318	US19990242652 19990318

Probable Assignee: PROCTOR AND GAMBLE CO

Assignee(s): (std): COSTA JILL BONHAM ; COSTA JILL CONHAM ; GARDLIK JOHN MICHAEL ; HARTMAN FREDERICK ANTHONY ; PROCTER AND GAMBLE ; SIVIK MARK ROBERT ; SEV JOHN CORT ; SEVERNS JOHN CORT ; MORELLI JOSEPH PAUL ; BURKES RAYMOND VERNON ; SEVERS JOHN CORT ; THE PROCTER AND GAMBLE COMPANY ; TRINH TOAN

Assignee(s): THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE COMPANY ; COSTA JILL BANHAM ; PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO

Inventor(s): (std): BURKES RAYMOND VERNON ; BURKES VERNON ; COSTA BONHAM ; COSTA J B ; COSTA JILL ; COSTA JILL BONHAM ; COSTA JILL CONHAM ; FREDERICK ANTHONY HARTMAN ; FREDERICK ANTHONY HARTMANN ; GARDLIK J M ; GARDLIK JOHN MICHAEL ; GARDLIK MICHAEL ; HARTMAN ANTHONY ; HARTMAN F A ; HARTMAN FREDERICK ANTHONY ; HARTMANN FREDERICK ANTHONY ; MARK ROBERT SILVIK ; MARK ROBERT SIVIK ; MORELLI JOSEPH PAUL ; MORELLI PAUL ; RAYMOND VERNON BURKES ; SEVERNS CORT ; SEVERNS J C ; SEVERNS JOHN ; SEVERNS JOHN CORT ; SILVIK MARK ROBERT ; SIVIK M R ; SIVIK MARK ; SIVIK MARK ROBERT ; SIVIK ROBERT ; TRINH TOAN ; JILL BONHAM COSTA ; JILL CONHAM COSTA ; JOHN CORT SEVERNS ; JOHN MICHAEL GARDLIK ; JOSEPH PAUL MORELLI ; COSTA JILL BANHAM

Inventor(s): ANTHONY ; M R SIVIK ; TRINH TOAM ; SIVIK MARK R ; HARTMAN FREDERICK A ; HARTMAN F ; GARDLIK JOHN M ; COSTA JILL BOHAM ; J B COSTA ; J C SEVERNS ; J M GARDLIK ; F A HARTMAN

Agent(s): PHILLIPS ORMONDE FITZPATRICK; KIRBY EADES GALE BAKER; DIMOCK STRATTON LLP; HARNECKER; RASSER JACOBUS CORNELIS

Designated states: AL AM AT AU AZ BA BB BE BG BR BY CA CH CN CU CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SL SZ TJ TM TR TT UA UG US UZ VN YU ZW

4) Family number: 26331529 (US3503698A)

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Title: PAD-DYEING AND PRINTING TEXTILE FIBERS

Abstract: Organic fibres are dyed by impregnating them below the drawing temperature of the dye with an aqueous solution or dispersion of a non-cationic dyestuff, which may be thickened, and which contains amides of saturated, aliphatic monocarboxylic acids having 8-14 C atoms with primary or secondary amines having at least one hydroxyalkyl of 1-4 C atoms or alkoxyalkyl group each alkyl of which having 1-4 C atoms, sulphated surface active polyglycol ethers or the soluble salts thereof, the weight ratio of the acid amides to the sulphated polyglycol ethers being 2: 1 to 1: 2 and, optionally, other additives, the pH being 2-10 thereafter finishing with a heat treatment. The preferred acid amides are bis-(w-hydroxyalkyl)-amides of said acids, preferably coconut oil fatty acids. The preferred polyglycol ethers are derived from fatty alcohols of 8-14 C atoms, e.g. lauryl alcohol, or from higher alkylated phenols, e.g. p-nonyl-phenol, and 1-20, preferably 2-3, ethylene oxide residues. The said mixture of surfactants may also contain isopropanol or a b -alkoxy-ethanol. The dye composition may further contain an acid, a metallising agent (when metallisable dyes are used) and bactericidal and fungicidal compounds. The fibres to be dyed are especially polyamides, e.g. wool, silk and nylon but may also be of cellulose dito tri-acetate, aromatic polyesters, acrylonitrile and methacrylonitrile polymers and copolymers, polyurethanes, polyolefins and polyvinyl alcohol or blends thereof. Among the suitable dyes are acid, disperse and reactive dyes which may contain metal atoms or be metallisable. The dye liquors are best applied by printing or especially padding and the heat treatment, which is preferably treatment with neutral saturated steam or in an acid "shock" bath at 80-98 DEG C., is applied without intermediate drying. Many examples are given.

Classifications:

International (IPC 8-9): D06B17/02 D06B3/16 D06P1/613 D06P1/62 D06P1/649 D06P1/653 D06P3/14 D06P3/16 (Advanced/Invention); D06B17/00 D06B3/00 D06P1/44 D06P1/64 D06P3/04 (Core/Invention)

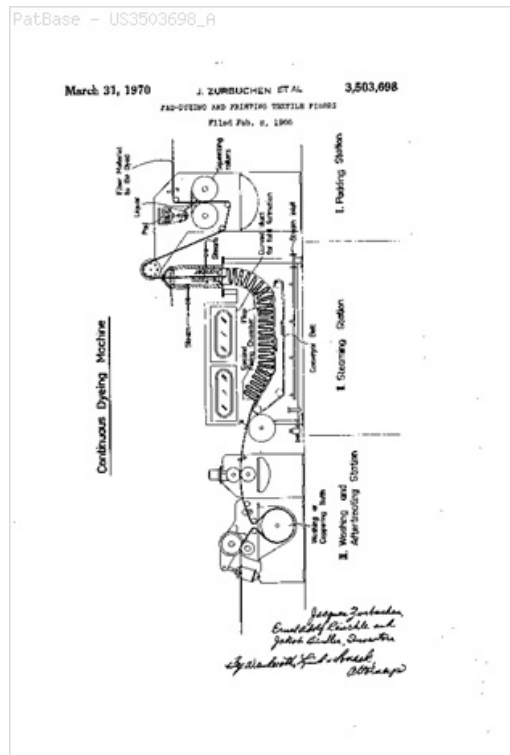
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Locarno class: 8 /41

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Probable Assignee: GEIGY AG J R

Assignee(s): (std): GEIGY AG J R ; GEIGY J R AG ; J R GEIGY AG J R GEIGY AG
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5) Family number: 25778007 (US3660386A)

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Title: PYRIMIDINE DYESTUFFS

Abstract: In examples, 2:4:6-trichloropyrimidine is reacted with (4) 2-amino-5-hydroxy-naphthalene-7-sulphonic acid, (6) 1:3-diaminobenzene-4-sulphonic acid and (9) 1-amino-8-hydroxynaphthalene-3:6-disulphonic acid. Reference has been directed by the Comptroller to Specification 822,047. ALSO: The invention comprises water-soluble mono-, dis- and polyazo, metallised azo, anthraquinone and phthalocyanine dyes containing a dihalogenopyrimidyl-amino group, and a process for making them by reacting water-soluble metal-free or metal-containing azo, anthraquinone or phthalocyanine dyestuffs containing at least one reactive amino group with 2:4:6-trihalopyrimidine. The azo dyes may also be made by reacting organic compounds containing at least one reactive amino group and a diazotisable amino group or a group convertible thereto or a carbon atom capable of azo coupling with 2:4:6-trihalogenopyrimidine and then converting the intermediate obtained to an azo dyestuff by azo coupling. The halogen atoms of the halogenopyrimidine may be chlorine or bromine. Several types of dyes of the monoazo, metallised azo, anthraquinone and phthalocyanine series are described, and a large number of examples is given. The dyes dye, pad and print vegetable and animal fibres, fibres of regenerated cellulose, casein, animalised cellulose or polyamides, mixtures of such fibres, and leather in a wide variety of shades. The cellulose dyeings may be aftertreated with alkali at high temperatures, or the cellulose may be dyed in the presence of an alkali and then heated. Reference has been directed by the Comptroller to Specification 822,047.

Classifications:

International (ipc 8-9): C09B45/48 C09B62/20 C09B62/22 C09B62/24 C09B62/245 C09B62/255 C09B62/26 C09B62/465 (Advanced/Invention); C09B45/00 C09B62/02 C09B62/44 (Core/Invention)

International (ipc 1-7): C07D239/30 C07D51/42 C07F1/08 C09B1/46 C09B1/52 C09B29/00 C09B45/14 C09B47/04 C09B47/08 C09B62/20 C09B62/22 C09B62/24 C09B62/245 C09B62/255 C09B62/26 C09B62/465 D06P1/20

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European: 124PB2 C09B45/48 C09B62/20 C09B62/22 C09B62/24 C09B62/245 C09B62/255 C09B62/26 C09B62/465

US: 260/242 260/256.5 534/582 534/596 534/621 534/623 534/624 534/625 534/626 534/627 534/628 534/631 534/632 534/633 534/634 534/636 534/637 534/638 534/689 534/690 534/691 534/696 534/709 534/712 534/720 534/722 534/724 534/725 534/781 534/784 534/793 534/822 534/842 534/862 534/872 534/875 534/878 534/879 534/880 534/884 534/DIG.1 540/125 540/132 544/294 544/334 552/232 8/549 8/574 8/589 8/602 8/606 8/622 8/661 8/674 8/676 8/677 8/685 8/917 8/924 8/DIG.21

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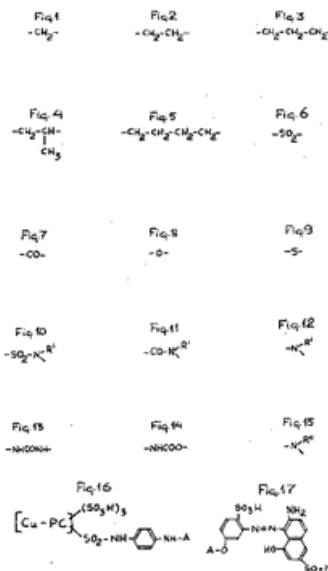


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Priority:

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Probable Assignee: SANDOZ AG

Assignee(s): (std): SANDOZ AG ; SANDOZ BASEL SCHWEIZ AG ; SANDOZ LTD ; SANDOZ SA ; WESTMINSTER BANK LTD

Assignee(s): WESTMINSTER BANK LIMITED ; SANDOZ ; SANDOZ A G ; SANDOZ S A

Inventor(s): (std): SIEGRIST HANS DR ; SIEGRIST HANS ; SCHWEIZER AUGUST MUTTENZ ; SCHWEIZER AUGUST DIPL CHEM ; SCHWEIZER AUGUST ; SCHWEIZER A ; RUCKSTUHL HANS DR ; PETER ALBIN DR ; KARL KAEGI DR ; KARL KAEGI ; KAEGI KARL DR ; KAEGI KARL ; JAKOB BENZ DR ; JAKOB BENZ ; ISCHER HANS DR ; ISCHER HANS ; ISCHER DR HANS ; HERMANN BURKHARD ; HANSPETER UEHLINGER DR ; HANSPETER UEHLINGER ; HANS SIEGRIST DR ; HANS SIEGRIST ; HANS ISCHER DR ; HANS ISCHER ; BYLAND DR HANS RUDOLF ; BURKHARD HERMANN DR ; BURKHARD HERMANN ; BENZ JAKOB DR ; BENZ JAKOB ; BENZ J ; VON TOBEL HANS DR ; VON TOBEL HANS ; UEHLINGER HANSPETER DR ; UEHLINGER HANSPETER ; TOBEL HANS VON ; BENZ DR JAKOB ; AUGUST SCHWEIZER ; IXHER HANS ; GUENTHARD JACQUES

Inventor(s): TOBEL HANS DR VON ; BENZ DRJAKOB

6) Family number: 30543326 (US3536518A)

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Title: METHOD OF APPLYING PRINT PATTERN OF RESIN TO FIBROUS SHEET MATERIAL

Abstract: A new composition of an emulsion polymerized resin and certain metal salts, wherein the metal ion has a valence of at least 3; and a method of controlling resin deposition on materials by pretreating the materials whereby they have an alkaline condition and by applying the new composition to the material under alkaline conditions.

Classifications:

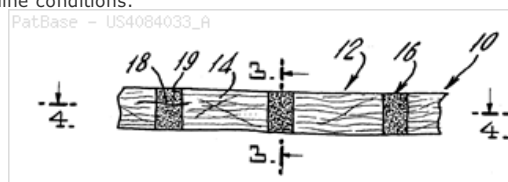
International (IPC 8-9): C08J3/03 D04H1/58 D04H1/587 D04H1/64 D04H1/66 D06M11/17 D06M11/20 D06M11/28 D06M11/56 D06M11/65 D06M15/233 D06M15/244 D06M15/263 D06M15/267 D06M15/333 D06M23/16 D06Q1/00 D21H17/29 D21H17/37 D21H17/56 D21H17/66 (Advanced/Invention); C08J3/02 D04H1/58 D04H1/64 D06M11/00 D06M15/21 D06M23/00 D06Q1/00 D21H17/00 (Core/Invention); D04H (Subclass/Invention)

International (IPC 1-7): B05D3/10 B05D7/26 B32B7/14 B41M7/00 B44C1/00 B44D1/092 B44D1/44 B44D5/00 C08F45/00 C08J1/48 C08J3/02 C08L23/02 C08L27/06 C08L31/04 C08L9/00 C09J3/12 C09J3/16 D04H D04H1/00 D04H1/58 D04H1/60 D04H1/62 D04H1/66 D04H1/72 D04H1/74 D06M15/00 D06M15/16 D06M15/21 D06M15/30 D06M15/42 D06N3/04 D06Q1/00 D21H1/10 D21H5/14

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European: C08J3/03 D04H1/66 D06M11/17 D06M11/20 D06M11/28 D06M11/56 D06M11/65 D06M15/233 D06M15/244 D06M15/263 D06M15/267 D06M15/333 D06M23/16 D06Q1/00 D21H17/29 D21H17/37 D21H17/56 D21H17/66

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Priority:

US19670800265 19670218	US19670618317 19670224	US19670623797 19670310
US19670639011 19670517	US19690800265 19690218	US19690817717 19690417
US19690817177 19690417	US19690817877 19690417	US19700002955 19700114
NL19700012284 19700819	US19700065880 19700821	US19720297165 19721012
US19720297164 19721012	US19740521430 19741106	US19760693654 19760607

Probable Assignee: CHICOPEE INC**Assignee(s):** (std): JOHNSON AND JOHNSON ; JOHNSON AND JOHNSON TE NEW BRUNSWICK NEW JERSEY VE ; JOHNSON ET JOHNSON US**Assignee(s):** JOHNSON ET JOHNSON ; JOHNSON AND JOHNSON TE NEW BRUNSWICK NEW JERSEY VER ST V AM ; JOHNSON AND JOHNSON NEW BRUNSWICK NJ ; JOHNSON JOHNSON ; JOHNSON AND JOHNSON NEW BRUNSWICK N J US ; JOHNSON AND JOHNSON US ; CHASE MANHATTAN BANK ; CHASE MANHATTAN BANK (THE) ; CHASE MANHATTAN BANK METROTECH CENTER ; CHASE MANHATTAN BANK THE ; CHICOPEE INC ; DRELICH ARTHUR H**Inventor(s):** (std): DRELICH ARTHUR HERBERT ; DRELICH ARTHUR H ; DRELICH ARTHUR ; DRELICH A H ; DRELICH A ; ARTHUR H DRELICH**Inventor(s):** ARTHUR DRELICK ; ARTHUR DRELICH ; ARTHUR HERBERT DRELICH ; DRELICH A US ; DRELICH ARTHUR H PLAINFIELD N J US**7) Family number: 15240020 (US4778618A)**

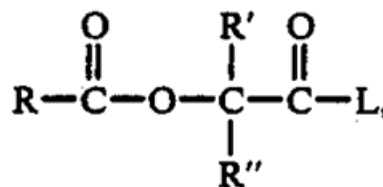
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Title: Glycolate ester peracid precursors**Abstract:** The invention provides novel bleaching compositions comprising peracid precursors with the general structure with R, R', R'' and L as defined in the specification. Novel peracids and precursors are also herein disclosed. These peracid precursors provide new, proficient and cost-effective compounds for fabric bleaching.**Classifications:****International (ipc 8-9):** A61K31/40 C01B15/00 C07C409/24 C07C69/00 C07C69/67 C07C69/675 C11D17/06 C11D3/02 C11D3/34 C11D3/37 C11D3/39 C11D3/395 C11D7/38 C11D7/54 D06L3/02 D06L3/16 D06M16/00 D06P3/06 (Advanced/Invention);

C11D17/06 C11D3/34 C11D3/395 C11D7/54 (Advanced/Non-invention); C07C409/00 C11D3/39 C11D3/395 C11D7/22 C11D7/54 (Core/Invention)

International (ipc 1-7): A61K31/40 C01B15/00 C01B15/10 C07C131/00 C07C143/46 C07C179/10 C07C179/18 C07C309/28 C07C309/29 C07C407/00 C07C409/24 C07C409/2417 C07C409/26 C07C409/38 C07C69/00 C07C69/24 C07C69/66 C07C69/67 C07C69/675 C07C69/78 C07D C07D207/46 C07D209/48 C09K3/00 C11D17/06 C11D3/39 C11D3/395 C11D7/06 C11D7/10 C11D7/32 C11D7/34 C11D7/38 C11D7/54 D06L3/02 D06L3/06 D06L3/16 D06M16/00 D06P3/06**CPC:** C11D3/046 C11D3/3418 C11D3/3776 C11D3/3935 C11D3/3907 C07C409/24**European:** C07C409/24 C11D3/04S C11D3/34B C11D3/37C8H C11D3/39B2D C11D3/39B2M M11D3/34B**US:** 252/100 252/102 252/103 252/186.23 252/186.25 252/186.27 252/186.3 252/186.30 252/186.31 252/186.38 252/186.39 252/186.41 252/186.42 252/95 252/99 260/402 260/404 260/405 510/303 510/305 510/306 510/307 510/312 510/313 510/314

PatBase - US4778618_A



510/349 510/374 510/376 510/495 510/513 554/1 554/110 554/228 554/231 560/100 560/106 560/110 560/111 560/130 560/142 560/222 560/250 560/254 560/266 562/2 8/110 8/111

JP F-Term: 3B152 4H003 4H003/AB19 4H003/AC08 4H003/BA02 4H003/BA09 4H003/BA10 4H003/CA20 4H003/DB02 4H003/EA09 4H003/EA12 4H003/EA15 4H003/EA16 4H003/EA19 4H003/EB09 4H003/EB22 4H003/EB30 4H003/EC02 4H003/ED02 4H003/EE05 4H003/FA04 4H003/FA10 4H003/FA32 4H003/FA43 4H003/DA01 4H003/EA25 4H003/EB24 4H003/EB28 4H003/FA07 4H003/FA44 4L031 4L031/BA08 4L031/BA14 4L031/BA17 4L031/BA19 4L031/BA20 4L031/BA21 4L031/BA33 4L031/BA39 4L031/CA02 4L031/CA17 4L031/DA00 4H003/AC01 4H003/BA12 4H003/CA16 4H003/EB07 4H003/EB12 4H003/EB20 4H003/EE04 4H003/EE06 4H003/FA29 4H003/BA27 4H003/FA28 4H003/FA42 4H006 4H006/AA01 4H006/AB70 4H006/AB72 4H006/AB80

JP F-Index: C11D17/06 C11D7/54 D06L3/02 D06L4/10 D06L4/12 D06L4/13 C11D3/395 C11D7/10 C11D7/32 C11D7/34 C11D7/38 D06L3/16 D06L4/75 D06M16/00 D06M16/00/Z C07C409/24 C11D3/39

Family:

Publication number	Publication date	Application number	Application date	
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AT153060 E	19970515	AT19920302416T	19920320	
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ECSP920825 A	19930729	EC1992SP00825	19920325	
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EP0267047 B1	19930804	EP19870309843	19871106	
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EP0373743 A3	19910717	EP19890306303	19890622	
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EP0694607 A2	19960131	EP19950202577	19920320	
EP0694607 A3	19960214	EP19950202577	19920320	
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ES2103887 T3	19971001	ES19920302416T	19920320	
ES2160665 T3	20011116	ES19950202577T	19920320	
FI921266 A	19920926	FI19920001266	19920324	
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GT199200017 A	19930915	GT19920000017	19920324	
JP2003824 C3	19951220	JP19920097407	19920325	
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JP2544944 B2	19961016	JP19870279459	19871106	
JP2754056 B2	19980520	JP19890265332	19891013	
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JP63152696 A2	19880625	JP19870279459	19871106	
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MX9300468 A1	19940729	MX19930000468	19930128	
NO921152 A	19920928	NO19920001152	19920324	
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ZW4492 A	19921104	ZW19920000044	19920323	

Priority:

US19860928070 19861106	CA19870550479 19871028	JP19870279459 19871106
US19880258225 19881014	US19880258226 19881014	CA19890602951 19890615
AU19890036728 19890621	US19910674844 19910325	US19910675240 19910325
CA19922062702 19920311	CA19922062702 19920311	EP19920302416 19920320

Probable Assignee: CLOROX CO

Assignee(s): (std): CLOROX CO ; THE CLOROX COMPANY
Assignee(s): THE CLOROX CO ; THE CLOROX CO OAKLAND CALIF US ; THE CLOROX CO OAKLAND ; ZIELSKE ALFRED G ; WIERSEMA RICHARD J ; THOMPSON SUZANNE M ; CLOROX CO OAKLAND CA A DE CORP ; CLOROX CO THE ; KUROROTSUKUSU CO ZA ; CLOROX COMPANY THE ; SUK RICHARD JV ; DELEEUEW DAVID L ; STRAND BRUCE B ; SZUCH KATHLEEN D ; STEICHEN DALE S ; LEWIS SHELDON N ; FONG RONALD A ; SPILLETT CRIS TINA ; OTTOBONI THOMAS B ; BOLKAN STEVEN A ; BRODBECK KELLY J ; BRODBECK KEVIN J

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Inventor(s): SPILLETT CRIS TINA WALNUT CREEK CA 94596 US ; WIERSEMA RICHARD J TRACY CA 95376 US ; SHERUDON ENU RUISU ; KYASURIIN DEII ZUTSUCHI ; LEWIS SHELDON N LAFAYETTE CA 94549 US ; RICHAADO JEI UIASEMA ; RICHAADO JEI UII SAKU ; KERII JEI BUROODOBETSUKU ; KEVIN JEI BUROODOBETSUKU ; ARUFURETSUDO JII ZU ; DEERU ESU SUTEICHEN ; DEUITSUDO ERU DERIIU ; FONG RONALD A MODESTO CA 95356 US

Agent(s): GRIFFITH HACK ; RICHES MCKENZIE AND HERBERT LLP

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

8) Family number: 90781 (US3660008A)

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Title: DYEING SULFONATED ANIONIC POLYMERIC FIBERS WITH AN AQUEOUS DISPERSION OF A SALT OF A CATIONIC DYE AND AN ARYLSULFONATE

Abstract: An aqueous dispersion of (1) a water-insoluble salt of a cationic dye and a selected anion of an arylsulfonic acid with (2) an anionic dispersing agent selected from lignin sulfonate or a salt of a sulfonated naphthalene-formaldehyde condensate has been found useful in the high-temperature dyeing of acid modified acrylic, polyamide, or polyester fibers, either alone or in blend by continuous dyeing operations.

Classifications:

International (IPC 8-9): C09B11/12 C09B11/28 C09B23/14 C09B44/02 C09B67/32 C09B69/00 C09B69/06 D06P1/41 D06P1/64 D06P1/642 D06P3/18 D06P3/52 (Advanced/Invention); C09B11/00 C09B23/00 C09B44/00 C09B67/00 C09B69/00 D06P1/41 D06P1/64 D06P3/04 D06P3/34 (Core/Invention)

International (IPC 1-7): C09B67/00 D06P1/00 D06P1/16 D06P1/41 D06P1/62 D06P3/18 D06P3/82

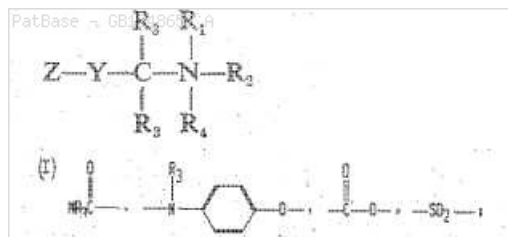
CPC: C09B11/12 C09B11/28 C09B67/0075 D06P1/41 C09B23/145 C09B44/02 C09B69/001 C09B69/06

European: 124HC1B3B+A2C C09B11/12 C09B11/28 C09B23/14H C09B44/02 C09B67/00P4 C09B69/00B C09B69/06 D06P1/41

US: 8/168 8/172 8/173 8/21A 8/21B 8/21C 8/25 8/4.1A 8/41A 8/41B 8/41C 8/490 8/532 8/534 8/582 8/589 8/654 8/80
JP F-Term: 4H057 4H057/AA01 4H057/BA03 4H057/BA22 4H057/BA23 4H057/BA24 4H057/BA41 4H057/CA14 4H057/CA16 4H057/CB03 4H057/CB08 4H057/CB13 4H057/CB14 4H057/CB21 4H057/CC02 4H057/DA17 4H057/DA19 4H057/DA20 4H057/GA04 4H057/GA07 4H057/GA90 4H057/HA10 4H157 4H157/AA01 4H157/BA03 4H157/BA22 4H157/BA23 4H157/BA24 4H157/BA41 4H157/CA14 4H157/CA16 4H157/CB03 4H157/CB08 4H157/CB13 4H157/CB14 4H157/CB21 4H157/CC02 4H157/DA17 4H157/DA19 4H157/DA20 4H157/GA04 4H157/GA07 4H157/GA90 4H157/HA10

JP F-Index: D06P1/41 D06P1/642 D06P3/18 D06P3/52/F

Locarno class: 8 /25 8 /80



Family:

Publication number	Publication date	Application number	Application date
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CA935261 A1	19731016	CA19690049331	19690421
CA935262 A1	19731016	CA19690049330	19690421
DE1921277 A1	19700409	DE19691921277	19690425
FR2006953 A1	19700102	FR19690013325	19690425
GB1248652 A	19711006	GB19690018458	19690410
JP52003030 B4	19770125	JP19690031550	19690425
US3660008 A	19720502	US19680724239	19680425
US3765835 A	19731016	US19680724238	19680425

Priority:

US19680724238 19680425 US19680724239 19680425

Probable Assignee: DU PONT

Assignee(s): (std): DU PONT

Assignee(s): DUPONT DE NEMOURS ; E I DU PONT DE NEMOURS AND CO ; E I DU PONT DE NEMOURS AND CO US ; E I DU PONT DE NEMOURS AND COMPANY ; E I DU PONT NEMOURS AND CO ; EI DU PONT DE NEMOURS AND CO ; ERIK KISSA ; HARVEY I STRYKER ; RAY A CLARKE

Inventor(s): (std): STRYKER H ; CLARKE R ; KISSA ERIK ; IRVIN STRYKER HARVEY ; ALLEN CLARKE RAY ; KISSA E

Inventor(s): HARVEY I STRYKER ; CLARKE R US ; RAY A CLARKE ; KISSA E US ; ERIK KISSA ; STRYKER H US

Title: PROCESS FOR COLORING FIBROUS STRUCTURES

Abstract: A process for coloring a fibrous structure which comprises applying a coloring agent and a prepolymer or precondensate of a synthetic resin to a fibrous structure, heat-treating the fibrous structure, and then treating the fibrous structure with a reducing agent.

Classifications:

International (IPC 8-9): D06P1/00 D06P1/52 D06P1/56 D06P1/651

D06P3/82 D06P5/00 D06P5/02 D06P5/08 (Advanced/Invention);

D06P1/00 D06P1/44 D06P1/64 D06P3/82 D06P5/00

D06P5/02 (Core/Invention)

International (IPC 1-7): D06M13/00 D06M9/00 D06P1/00 D06P1/52

D06P1/56 D06P1/68 D06P3/14 D06P3/60 D06P3/87 D06P5/02 H01H1/40

CPC: Y10S8/918 D06P5/02 D06P1/0064 D06P1/52 D06P1/56

D06P1/65112 D06P3/8204

European: D06P1/00N4 D06P1/52 D06P1/56 D06P1/651B2 D06P3/82V

D06P5/02

US: 8/183 8/18R 8/496 8/532 8/533 8/543 8/554 8/560 8/629 8/918

JP F-Term: 4H057 4H057/AA02 4H057/BA81 4H057/CA08 4H057/CA25

4H057/CA38 4H057/CB08 4H057/CB34 4H057/CB46 4H057/CB59

4H057/CC02 4H057/CC03 4H057/DA01 4H057/DA17 4H057/DA18

4H057/DA19 4H057/DA21 4H057/DA22 4H057/DA24 4H057/DA29

4H057/DA30 4H057/DA31 4H057/DA33 4H057/DA34 4H057/GA13

4H057/JA10 4H057/JB02 4H157 4H157/AA02 4H157/BA81 4H157/CA08

4H157/CA25 4H157/CA38 4H157/CB08 4H157/CB34 4H157/CB46

4H157/CB59 4H157/CC02 4H157/CC03 4H157/DA01 4H157/DA17

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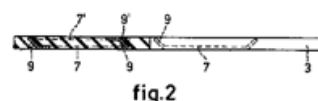
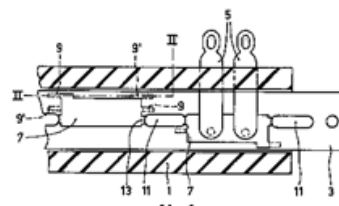
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4H157/GA13 4H157/JA10 4H157/JB02

JP F-Index: D06P5/00/104 D06P5/02 D06P5/08/3

PatBase - CH497774_A4

497 774
J. Blatt



Family:

Publication number	Publication date	Application number	Application date
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CH585308 B	19770228	CH19740004977	19740409
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JP53014667 B4	19780519	JP19730040198	19730409
JP936277 C3	19781212	JP19730040198	19730409
US3988108 A	19761026	US19740459444	19740409

Priority:

JP19730040198 19730409

Probable Assignee: KANEBO LTD

Assignee(s): (std): KANEBO LTD

Assignee(s): KANEBO LTD JA ; KANEBO LTD TOKIO

Inventor(s): (std): DONK JOHANNES MARTINUS AUGUSTI ; YAMABA CHINZO ; SEGOSHI KENJI ; KIDOGAMI TOSHIO

Inventor(s): YAMABA CHINZO HIRAKATA OSAKA

Title: COLORATION PROCESS FOR CELLULOSE POLYESTER TEXTILE BLENDS WITH A REACTIVE DYE CONTAINING A QUATERNARY NITROGEN SUBSTITUENT (E.G. NICOTINIC ACID) AND A DISPERSE DYE

Abstract: A process for the coloration of a union of polyester and cellulosic textile materials which comprises applying thereto a liquor or paste containing a disperse dye and a dye containing a cellulose reactive group having a quaternary nitrogen substituent, or the precursors of such a dye, and thereafter heating the textile material at such a temperature and for such a period as to fix the dye on the textile material, characterized in that the pH of the liquor or paste is from 5.8 to 8.0.

Classifications:

International (IPC 8-9): C09B62/04 D06P3/82 D06P3/872 (Advanced/Invention);

C09B62/02 D06P3/82 (Core/Invention)

International (IPC 1-7): C09B62/04 D06P1/38 D06P3/87 D06P3/872

CPC: Y10S8/918 C09B62/04 C09B62/043 D06P3/8252

European: C09B62/04 C09B62/04B D06P3/82V5D6

US: 8/529 8/532 8/547 8/549 8/585 8/673 8/677 8/684 8/688 8/918

JP F-Term: 4H056 4H056/JA02 4H056/JA09 4H056/JB02 4H056/JC05 4H056/JD03 4H057 4H057/AA02 4H057/BA07 4H057/BA08

4H057/CA11 4H057/CA17 4H057/CB18 4H057/CB34 4H057/CB48 4H057/CC02 4H057/CC03 4H057/DA01 4H057/DA30
 4H057/DA31 4H057/GA08 4H057/GA21 4H057/HA01 4H057/HA03 4H057/HA05 4H057/HA06 4H057/HA09 4H057/HA12
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JP F-Index: C09B62/04/Z D06P3/872

Family:

Publication number	Publication date	Application number	Application date
DE3778101 D1	19920514	DE19873778101	19870810
EP0260806 A2	19880323	EP19870307079	19870810
EP0260806 A3	19890614	EP19870307079	19870810
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JP63075191 A2	19880405	JP19870222170	19870907
US4881942 A	19891121	US19880217122	19880707

Priority:

GB19860021795 19860910 US19870084854 19870813

Probable Assignee: ZENECA LTD

Assignee(s): (std): ICI PLC

Assignee(s): IMP CHEM IND PLC ICI ; IMP CHEMICAL IND PLC ; IMP CHEMICAL IND PLC LONDON GB ; IMPERIAL CHEM IND PLC ; IMPERIAL CHEMICAL INDUSTRIES PLC ; IMPERIAL CHEMICAL INDUSTRIES PLC LONDON GB ; ZENECA LTD

Inventor(s): (std): CONNOR HERBERT GEORGE ; HAABAATO JIYOOJI KONAA ; CONNOR HERBERT G

Inventor(s): CONNOR HERBERT GEORGE BACUP LANCASHIRE OL13 9PJ GB

Designated states: DE FR GB IT

11) Family number: 33068016 (WO07113579A1)

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Title: CONTROL OF PH IN THE TREATMENT OF FABRIC

Abstract: This invention relates to the treatment of fabric, particularly cellulosic and cotton fabric, in which the pH in the treatment liquid is controlled. According to the present invention there is provided a process for the treatment of fabric under alkaline conditions which process comprises treating the fabric with a treatment liquor to which has been added an aqueous alkali solution comprising (i) 9 to 36 percent wt percent of a borate selected from an alkali metal and ammonium borate, or boric acid; and (ii) 8 to 35 wt percent of at least one alkali metal, ammonium or organo- quaternary ammonium hydroxide. The present invention provides an alternative to previous methods and which may avoid or mitigate disadvantages associated with the previous methods.

Classifications:

International (IPC 8-9): D06M11/38 D06M11/58 D06P5/22 C11D3/02 D06M11/82 D06P1/673 D06P3/66 (Advanced/Invention); C11D3/02 D06M11/00 D06P1/44 D06P3/58 (Core/Invention)

International (IPC 1-7): D06M11/80 D06M13/50 D06P3/66 G05D21/0

CPC: D06M11/40 D06M11/82 D06P1/67316 D06P3/66

European: D06M11/40 D06M11/82 D06P1/673H D06P3/66

Family:

Publication number	Publication date	Application number	Application date
AR060302 AA	20080604	AR2007P101437	20070404
CL2007000988 A1	20071228	CL20070000988	20070405
GB200606990 A0	20060517	GB20060006990	20060406
TW200804645 A	20080116	TW20070112037	20070404
WO07113579 A1	20071011	WO2007GB01287	20070405

Priority:

GB20060006990 20060406

Probable Assignee: UNITED STATES BORAX INC

Assignee(s): (std): DOUKOVA VIOLETA KRASTEVA ; GREENHILL HOOPER MICHAEL JOHN ; UNITED STATES BORAX INC

Assignee(s): U S BORAX INC ; US BORAX INC ; USBORAX INC

Inventor(s): (std): DOUKOVA VIOLETA KRASTEVA ; GREENHILL HOOPER MICHAEL JOHN

Inventor(s): KRASTEVA DOUKOVA VIOLETA ; GREENHILL HOOPER ; KRASTEVA ; VIOLETA ; MICHAEL JOHN ; DOUKOVA

Agent(s): SARGENT

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 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 LK LR LS LT LU LV LY MA MC MD 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

12) Family number: 1665657 (DE2739092A1)

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Title: POST-WASHING OF TEXTILES AFTER DYEING WITH ACID DYES - USING ACID WASH LIQUOR TO PREVENT DYE EXTRACTION

Abstract: In the washing of textiles, esp. polyamide or wool carpets, after dyeing with acid dyes, the pH of the wash liquor is

maintained at 6. Pref. the pH is controlled at a valve dependent on the textile material being washed, the dye used and the temp. For textiles dyed with weak acid dyes a less acid pH is used in washing, while for those dyed with strong acid dyes a more acid pH is used. The textile is pref. a polyamide velour or wool, esp. uni-dyed materials, dyed by differential-dyeing, pad-steam or cold dyeing processors. Hot-washing can be used to develop the yarn bulk and structure and hence improve its appearance and performance, esp. after cold dyeing, without causing re-diffusion of the dye into the wash liquour and the danger of a non-uniform prod.

Classifications:

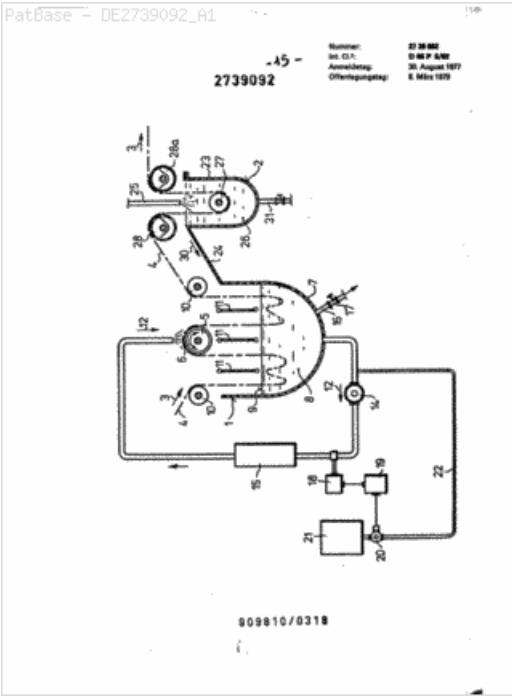
International (IPC 8-9): D06B3/10 D06P5/02 (Advanced/Invention);

D06B3/00 D06P5/02 (Core/Invention)

International (IPC 1-7): D06B3/10 D06P5/02

CPC: D06P5/02 D06B3/10 D06B3/12

European: D06B3/10 D06P5/02



Family:

Publication number	Publication date	Application number	Application date
DE2739092 A1	19790308	DE19772739092	19770830

Priority:

DE19772739092 19770830

Probable Assignee: BRUECKNER APPARATEBAU GMBH

Assignee(s): (std): BRUECKNER APPARATEBAU GMBH

Inventor(s): (std): SCHUIERER MANFRED

13) Family number: 30276787 (US3945989A)

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Title: Fluoro triazine containing water insoluble azo dyestuff

Abstract: A water-insoluble disperse dyestuff of the heterocyclic azo series of the formula WHEREIN A may be further substituted and one of the free valencies carries a fluorinated triazinyl group of the formula X | N=C -C ANGLE ANGLE N N-C | F wherein X is chlorine or fluorine.

Classifications:

International (IPC 8-9): C09B62/04 (Advanced/Invention);

C09B62/02 (Core/Invention);

C09B (Subclass/Invention)

International (IPC 1-7): C07C93/26 C07D251/44 C07D55/18 C07D55/44

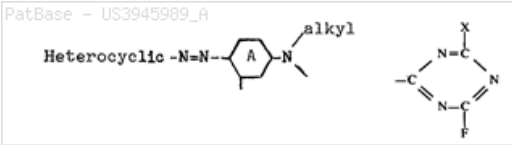
C09B29/36 C09B43/12 C09B62/00 C09B62/02 C09B62/04 D06P1/00

D06P3/00

CPC: C09B62/04

European: C09B62/04

US: 260/153 534/635 544/211



Family:

Publication number	Publication date	Application number	Application date
BE753292 A	19710111		00000000
BE753292 A1	19710111	BE19700753292	19700710
CH554402 A	19740930	CH19690010662	19690711
DE2033253 A1	19710114	DE19702033253	19700704
ES381666 A1	19721201	ES19700381666	19700710
FR2054420 A5	19710416	FR19700025543	19700709
GB1323157 A	19730711	GB19700033662	19700710
GB1323158 A	19730711	GB19700033961	19700710
NL7010260 A	19710113	NL19700010260	19700710
US3945989 A	19760323	US19730391399	19730824
ZA7004607 A	19710331	ZA19700004607	19700706

Priority:

CH19690010662 19690711
US19730391399 19730824

CH19700008382 19700604

US19700052984 19700707

Probable Assignee: CIBA GEIGY AG

Assignee(s): (std): CIBA GEIGY ; CIBA GEIGY AG ; CIBA LTD

Assignee(s): CIBA S A ; CIBA S A A BALE SUISSE ; CIBA SA

Inventor(s): (std): ANGLIKER H ; ANGLIKER HANS JORG ; LIECHTI HANS WILHELM ; LIECHTI W ; PETER R ; PETER RICHARD

14) Family number: 1407519 (GB1293557A)

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Title: FIBRE-REACTIVE, WATER-INSOLUBLE DYESTUFFS, PROCESSES FOR THEIR MANUFACTURE AND THEIR USE

Abstract: 1293557 Fibre-reactive, water-insoluble dyestuffs FARBWERKE HOECHST AG 31 Oct 1969 [7 Nov 1968] 53487/69 Heading C4P [Also in Divisions C2 and D1] Novel reactive dyestuffs free from acidic groups conferring solubility in water contain at least one fibre-reactive acyl residue Z of a halogenated cyclobutane containing a carboxylic acid amide or sulphonic acid amide group bound to the remainder of the dyestuff molecule through the nitrogen atom. A preferred value of Z is in which T 1 and T 2 are each Cl, CN, NO 2, T¹, OT¹, -COOT¹¹¹, -SO 2 NT¹T¹¹, -SO 2 T¹ or -CONT¹T¹¹ or the 2 symbols T 1 can jointly represent a further double bond between C¹ and C⁴, T¹ and T¹¹ are each H, alkyl, aralkyl or aryl, T¹¹¹ is alkyl or aryl, X is H or halo, and W 1 is -CO-, -SO 2 -, -SO 2 -CH 2 CH 2 -, -COCH = CH- or -COCHT¹¹CHT¹ - and is bound to the dyestuff molecule through the group -NT¹ -, and the two T 1 groups and X atoms may be the same or different. The dyestuff may, for example, be of the azo, particularly mono-azo or disazo, anthraquinone, perinone, quinophthalone, styryl or nitro dyestuff series. Z is introduced into a dyestuff or dyestuff component by N-acylation, e.g. the dyestuff or precursor contains at least one group -NHT¹ and is acylated by means of a compound of the formula Z-hal. Azo dyestuffs may be formed by known diazotization and coupling methods using coupling components at least one of which contains the necessary fibre-reactive residue. Dyestuffs of the formulMu are prepared by condensing N,N-(di-#-acetoxylethyl)-p-aminobenzaldehyde with N-(4-nitrophenyl)-cyano-acetamide and then reducing the nitro compound to the amino compound. A dyestuff is prepared by coupling diazotized 3- amino - 4 - chlorobenzotrifluoride with 1 - (3¹ - aminophenyl)-3-methyl-5-pyrazolone.

Classifications:

International (IPC 8-9): C09B62/485 (Advanced/Invention);

C09B62/44 (Core/Invention);

C09B (Subclass/Invention)

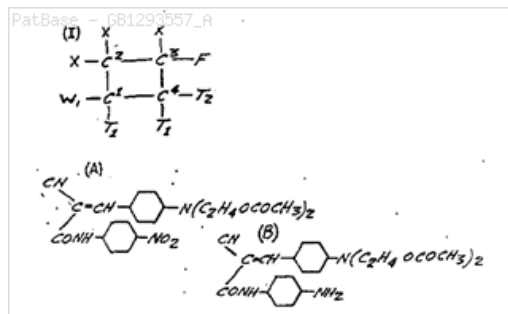
International (IPC 1-7): C07C103/64 C07C103/66 C07C121/34

C07C125/065 C07C127/19 C07C143/75 C07C149/42 C09B62/00

C09B62/46 C09B62/50 C09B67/00 D06P1/00 D06P3/00

CPC: C09B62/485

European: C09B62/485 C09B62/82E



Family:

Publication number	Publication date	Application number	Application date
CH538527 A	19730630	CH19680016590	19681107
CH538528 A	19730630	CH19700015606	19681107
DE1954453 A1	19700827	DE19691954453	19691029
ES373225 A1	19720416	ES19690373225	19691106
FR2024807 A1	19700904	FR19690036157	19691022
GB1293557 A	19721018	GB19690053487	19691031
GB1293558 A	19721018	GB19700034046	19691031

Priority:

CH19680016590 19681107

CH19700015606 19681107

CH19690014584 19690926

Probable Assignee: HOECHST AG

Assignee(s): (std): CIBA GEIGY ; HOECHST AG

Assignee(s): CIBA AG ; CIBA S A ; CIBA SA ; FARBWERKE HOECHST A G ; FARBWERKE HOECHST AG WAS MEISTER LUCIUS AND BRUENING.. ; FARBWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS AND BRUENING ; FARBWERKE HOECHTS AKTIENGESELLSCHAFT

Inventor(s): (std): ANGLIKER HANS JOERG DR ; PETER RICHARD DR ; RICHARD PETER DR ; HANS JOERG ANGLIKER DR