

Search query (2): [SP]: 1. a primer composition for retaining adhesive disposed thereon, the primer composition comprising: at least one of a polyurethane and a polyurethane acrylate and at least one surface tension modifier wherein when the primer composition is in a layer form and an acrylic emulsion adhesive is disposed on the layer of the primer composition, upon subjecting the primer composition and the adhesive to a caustic wash operation, at least substantially all of the adhesive remains disposed on the layer of the primer composition. 2. the primer composition of claim 1 wherein the polyurethane is an aliphatic polyurethane. 3. the primer composition of claim 1 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 4. the primer composition of claim 1 wherein the surface tension modifier is a surfactant. 5. the primer composition of claim 1 wherein the surface tension modifier is an anionic surfactant. 6. the primer composition of claim 1 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 7. the primer composition of claim 1 wherein the primer composition further comprises water. 8. the primer composition of claim 1 wherein the composition is initially in the form of an aqueous dispersion of the least one of the polyurethane and the polyurethane acrylate. 9. the primer composition of claim 1 wherein the composition is essentially free of any liquid vehicle component. 10. a label comprising: at least one facestock layer, the facestock defining a first face and a second oppositely directed face an adhesive layer a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (i) at least one of a polyurethane and a polyurethane acrylate, and (ii) at least one surface tension modifier. 11. the label of claim 10 further comprising: print disposed between the facestock layer and the primer layer. 12. the label of claim 11 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 13. the label of claim 11 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 14. the label of claim 10 further comprising: a liner disposed on the adhesive layer. 15. the label of claim 10 wherein the polyurethane is an aliphatic polyurethane. 16. the label of claim 10 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 17. the label of claim 10 wherein the surface tension modifier is a surfactant. 18. the label of claim 10 wherein the surface tension modifier is an anionic surfactant. 19. the label of claim 10 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 20. a labeled container comprising: a container defining an outer surface a label adhered to the outer surface of the container, the label including (i) at least one facestock layer, the facestock defining a first face and a second oppositely directed face, (ii) an adhesive layer in contact with the outer surface of the container, and (iii) a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (i) at least one of a polyurethane and a polyurethane acrylate, and (ii) at least one surface tension modifier. 21. the labeled container of claim 20 wherein the outer surface of the container is glass. 22. the labeled container of claim 20 wherein the outer surface of the container is plastic. 23. the labeled container of claim 20 further comprising: print disposed between the facestock layer and the primer layer. 24. the labeled container of claim 23 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 25. the labeled container of claim 23 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 26. the labeled container of claim 20 wherein the polyurethane is an aliphatic polyurethane. 27. the labeled container of claim 20 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 28. the labeled container of claim 20 wherein the surface tension modifier is a surfactant. 29. the labeled container of claim 20 wherein the surface tension modifier is an anionic surfactant. 30. the labeled container of claim 20 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 31. a method of applying a label to a container, the method comprising: providing a container defining an outer surface providing a label including (i) at least one facestock layer, the facestock defining a first face and a second oppositely directed face, (ii) an adhesive layer, (iii) a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (a) at least one of a polyurethane and a polyurethane acrylate, and (b) at least one surface tension modifier adhering the adhesive layer of the label to the outer surface of the container to thereby apply the label to the container. 32. the method of claim 31 wherein the outer surface of the container is glass. 33. the method of claim 31 wherein the outer surface of the container is plastic. 34. the method of claim 31 further comprising: print disposed between the facestock layer and the primer layer. 35. the method of claim 34 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 36. the method of claim 34 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 37. the method of claim 31 wherein the label further includes a liner disposed on the adhesive layer, the method further comprising: prior to adhering the adhesive layer, removing the liner from the label. 38. the method of claim 31 wherein the polyurethane is an aliphatic polyurethane. 39. the method of claim 31 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 40. the method of claim 31 wherein the surface tension modifier is a surfactant. 41. the method of any one of claims 31 -40 wherein the surface tension modifier is an anionic surfactant. 42. the method of claim 31 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 43. a method of removing a label from a labeled container, the method comprising: providing a labeled container including a container defining an outer surface and a label adhered to the outer surface, the label including (i) at least one facestock layer, the facestock defining a first face and a second oppositely directed face, (ii) an adhesive layer, (iii) a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (a) at least one of a polyurethane and a polyurethane acrylate, and (b) at least one surface tension modifier subjecting the labeled container to at least one washing operation thereby resulting in removal of the label from the container. 44. the method of claim 43 wherein at least substantially all of the adhesive of the label is removed with the label. 45. the method of claim 43 wherein the washing operation includes contacting the labeled container with a caustic solution. 46. the method of claim 45 wherein the caustic solution includes at least one caustic material at a concentration of from 1 percent to 10 percent in the solution. 47. the method of claim 45 wherein the caustic solution is at a temperature within a range of from 75 degrees to 95 degrees centigrade. 48. the method of claim 43 wherein the outer surface of the container is glass. 49. the method of claim 43 wherein the outer surface of the container is plastic. 50. the method of claim 43 wherein the label further includes print disposed between the facestock layer and the primer layer. 51. the method of claim 50 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 52. the method of claim 50 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 53. the method of claim 43 wherein the polyurethane is an aliphatic polyurethane. 54

Results: 12

Search history

Search SFT=(composition for retaining adhesive and polyurethane and polyurethane acrylate and surfactant) (Results 1)
1:

Search [SP]: 1. a primer composition for retaining adhesive disposed thereon, the primer composition comprising: at least one of a polyurethane and a polyurethane acrylate and at least one surface tension modifier wherein when the primer composition is in a layer form and an acrylic emulsion adhesive is disposed on the layer of the primer composition, upon subjecting the primer composition and the adhesive to a caustic wash operation, at least substantially all of the adhesive remains disposed on the layer of the primer composition. 2. the primer composition of claim 1 wherein the polyurethane is an aliphatic polyurethane. 3. the primer composition of claim 1 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 4. the primer composition of claim 1 wherein the surface tension modifier is a surfactant. 5. the primer composition of claim 1 wherein the surface tension modifier is an anionic surfactant. 6. the primer composition of claim 1 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 7. the primer composition of claim 1 wherein the primer composition further comprises water. 8. the primer composition of claim 1 wherein the composition is initially in the form of an aqueous dispersion of the least one of the polyurethane and the polyurethane acrylate. 9. the primer composition of claim 1 wherein the composition is essentially free of any liquid vehicle component. 10. a label comprising: at least one facestock layer, the facestock defining a first face and a second oppositely directed face an adhesive layer a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (i) at least one of a polyurethane and a polyurethane acrylate, and (ii) at least one surface tension modifier. 11. the label of claim 10 further comprising: print disposed between the facestock layer and the primer layer. 12. the label of claim 11 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 13. the label of claim 11 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 14. the label of claim 10 further comprising: a liner disposed on the adhesive layer. 15. the label of claim 10 wherein the polyurethane is an aliphatic polyurethane. 16. the label of claim 10 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 17. the label of claim 10 wherein the surface tension modifier is a surfactant. 18. the label of claim 10 wherein the surface tension modifier is an anionic surfactant. 19. the label of claim 10 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 20. a labeled container comprising: a container defining an outer surface a label adhered to the outer surface of the container, the label including (i) at least one facestock layer, the facestock defining a first face and a second oppositely directed face, (ii) an adhesive layer in contact with the outer surface of the container, and (iii) a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (i) at least one of a polyurethane and a polyurethane acrylate, and (ii) at least one surface tension modifier. 21. the labeled container of claim 20 wherein the outer surface of the container is glass. 22. the labeled container of claim 20 wherein the outer surface of the container is plastic. 23. the labeled container of claim 20 further comprising: print disposed between the facestock layer and the primer layer. 24. the labeled container of claim 23 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 25. the labeled container of claim 23 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 26. the labeled container of claim 20 wherein the polyurethane is an aliphatic polyurethane. 27. the labeled container of claim 20 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 28. the labeled container of claim 20 wherein the surface tension modifier is a surfactant. 29. the labeled container of claim 20 wherein the surface tension modifier is an anionic surfactant. 30. the labeled container of claim 20 wherein the surface tension modifier is diethyl sodium sulfosuccinate. 31. a method of applying a label to a container, the method comprising: providing a container defining an outer surface providing a label including (i) at least one facestock layer, the facestock defining a first face and a second oppositely directed face, (ii) an adhesive layer, (iii) a primer layer disposed between the facestock layer and the

adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (a) at least one of a polyurethane and a polyurethane acrylate, and (b) at least one surface tension modifier adhering the adhesive layer of the label to the outer surface of the container to thereby apply the label to the container. 32. the method of claim 31 wherein the outer surface of the container is glass. 33. the method of claim 31 wherein the outer surface of the container is plastic. 34. the method of claim 31 further comprising: print disposed between the facestock layer and the primer layer. 35. the method of claim 34 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 36. the method of claim 34 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 37. the method of claim 31 wherein the label further includes a liner disposed on the adhesive layer, the method further comprising: prior to adhering the adhesive layer, removing the liner from the label. 38. the method of claim 31 wherein the polyurethane is an aliphatic polyurethane. 39. the method of claim 31 wherein the polyurethane acrylate is an aliphatic polyurethane acrylate. 40. the method of claim 31 wherein the surface tension modifier is a surfactant. 41. the method of any one of claims 31 -40 wherein the surface tension modifier is an anionic surfactant. 42. the method of claim 31 wherein the surface tension modifier is dioctyl sodium sulfosuccinate. 43. a method of removing a label from a labeled container, the method comprising: providing a labeled container including a container defining an outer surface and a label adhered to the outer surface, the label including (i) at least one facestock layer, the facestock defining a first face and a second oppositely directed face, (ii) an adhesive layer, (iii) a primer layer disposed between the facestock layer and the adhesive layer, the primer layer being disposed immediately adjacent to and in contact with the adhesive layer, the primer layer including (a) at least one of a polyurethane and a polyurethane acrylate, and (b) at least one surface tension modifier subjecting the labeled container to at least one washing operation thereby resulting in removal of the label from the container. 44. the method of claim 43 wherein at least substantially all of the adhesive of the label is removed with the label. 45. the method of claim 43 wherein the washing operation includes contacting the labeled container with a caustic solution. 46. the method of claim 45 wherein the caustic solution includes at least one caustic material at a concentration of from 1 percent to 10 percent in the solution. 47. the method of claim 45 wherein the caustic solution is at a temperature within a range of from 75 degrees to 95 degrees centigrade. 48. the method of claim 43 wherein the outer surface of the container is glass. 49. the method of claim 43 wherein the outer surface of the container is plastic. 50. the method of claim 43 wherein the label further includes print disposed between the facestock layer and the primer layer. 51. the method of claim 50 wherein the print is disposed immediately adjacent to and in contact with the second face of the facestock layer. 52. the method of claim 50 wherein the print is disposed immediately adjacent to and in contact with the primer layer. 53. the method of claim 43 wherein the polyurethane is an aliphatic polyurethane. 54 (Results 12)

1) Family number: 1994441 (US4364885A)

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Title: PROCESS FOR PRODUCING EASILY ADHERABLE POLYESTER FILM

Abstract: Source: US4364885A [EN] A process for producing an easily adherable biaxially stretched polyester film, which comprises coating a primer composition consisting of (A) and aqueous dispersion of polyurethane and (B) a montan wax salt and optionally a nonionic or anionic surface-active agent on the surface of a polyester film which has not yet been stretched completely, drying the coating, completing the stretching of the coated film, and then heat-setting it thereby to form a primer coated layer on the film surface.

Classifications:

International (IPC 8-9): B32B27/18 B32B27/36 B32B27/40 B41M1/30 C08G18/08 C08J7/04 C09D175/04 G03C1/93 G03G7/00 (Advanced/Invention);

B32B27/18 B32B27/36 B32B27/40 B41M1/26 C08G18/00 C08J7/00 C09D175/04 G03C1/91 G03G7/00 (Core/Invention)

International (IPC 1-7): B05D3/12 B29C17/02 B29D9/00 B29D9/08 B32B27/08 B32B27/18 B32B27/36 B32B27/40 C08J7/04

CPC: C08J7/047 C08J2475/04 B41M1/30 C08G18/0819 C08J2367/02 C09D175/04 G03C1/93 G03G7/002 G03G7/0046

G03G7/008 Y10T428/31565 Y10T428/31801

European: B41M1/30 C08G18/08B6 C08J7/04 C09D175/04 G03C1/93 G03G7/00B4 G03G7/00B4B6 G03G7/00F4B

M08J367/02

US: 264/134 264/136 264/235.6 264/235.8 264/289.3 264/289.6 427/172 427/173 428/423.7 428/484.1

Family:

Publication number	Publication date	Application number	Application date
DE3123945 A1	19820304	DE19813123945	19810616
GB2079182 A1	19820120	GB19810018004	19810611
GB2079182 B2	19840222	GB19810018004	19810611
JP57006767 A2	19820113	JP19800080229	19800616
US4364885 A	19821221	US19810272524	19810611

Priority:

JP19800080229 19800616

Probable Assignee: TEIJIN LTD

Assignee(s): (std): TEIJIN LTD

Assignee(s): TEIJIN LIMITED

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2) Family number: 15125747 (US5096767A)

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Title: ALKALI-REMOVABLE LABEL SUPPORT AND LABEL

Abstract: Source: US5096767A [EN] A support for an alkali-removable label in the form of a paper label having excellent water resistance and good bottle washing suitability to remove the label and also a label made from such a support. The support consists of a base paper having on a surface thereof an anchor layer produced by applying a radiation-curable composition comprising a radiation-curable resin and a radiation-curable carboxylic acid or a mixture of a monofunctional radiation-curable carboxylic acid and a polyfunctional radiation-curable carboxylic acid and curing the resultant coating by radiation. An intermediate layer comprising a water-soluble polymer or a water-dispersed polymer may be interposed between the base paper and the anchor layer.

Classifications:

International (IPC 8-9): B32B7/06 C09J4/02 C09J7/02 D21H19/08 D21H19/24 D21H27/00 D21H27/30 D21H27/36 G09F3/02

G09F3/10 (Advanced/Invention);

B32B7/06 C09J4/02 C09J7/02 D21H19/00 D21H27/00 D21H27/30

G09F3/02 G09F3/10 (Core/Invention)

International (IPC 1-7): B32B27/10 B32B7/06 C09J133/00

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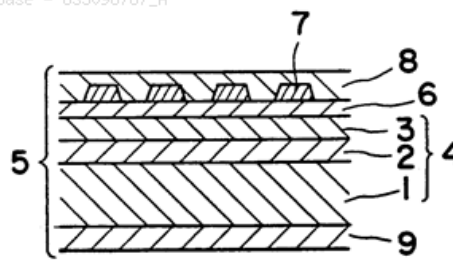
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G09F2003/0214 G09F2003/0216 G09F2003/0273 Y10T428/31993

European: G09F3/02 S09F3/02A17A S09F3/02A4 S09F3/02A4A



Publication number	Publication date	Application number	Application date
DE4003106 A1	19900809	DE19904003106	19900202
DE4003106 C2	19921022	DE19904003106	19900202
JP2210099 A2	19900821	JP19890025125	19890203
JP2716775 B2	19980218	JP19890025125	19890203
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US5096767 A	19920317	US19900473170	19900131

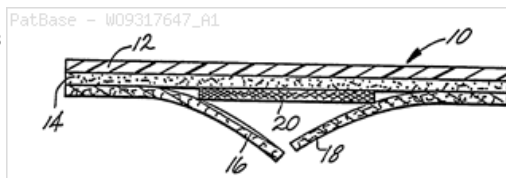
Inventor(s): SEKIGUCHI HIDEKI TOKIO TOKYO JP

US: 252/502 252/512 252/518 427/393.5 428/412 428/483 428/516 524/523 524/525 524/571

Publication number	Publication date	Application number	Application date
US4981730 A	19910101	US19890354218	19890519

Inventor(s): (std): ZALESKI RICHARD R

International (IPC 8-9): A61F13/00 A61F13/02 A61L15/00 A61L15/58
C08F120/04 C08F2/00 C08F2/22 C08F218/04 C08F22/10
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C08F228/02 C08F26/02 C08F28/00 C08L33/00 C09J121/00
C09J133/02 C09J133/04 C09J133/06 C09J133/08 C09J133/10
C09J135/00 C09J137/00 C09J141/00 C09J4/02 (Advanced/Invention);
A61F13/00 C08F2/00 C08F28/00 C09J121/00 C09J133/02
C09J133/06 C09J135/00 C09J137/00 C09J141/00 (Advanced/Non-
invention);



A61F13/00 A61L15/00 C08F120/00 C08F220/00 C08F222/00 C08F26/00 C08L33/00 C09J133/06 (Core/Invention)
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US: 52/483.3 522/153 524/240 524/817 524/833 526/261 526/274 526/278 526/318 526/318.3 526/318.43 526/318.44
526/325 526/87 526/931 602/52 602/54

Family:

Publication number	Publication date	Application number	Application date
AU199061622 A1	19910403	AU19900061622	19900813
AU199337868 A1	19931005	AU19930037868	19930304
AU199337918 A1	19931005	AU19930037918	19930309
AU638480 B2	19930701	AU19900061622	19900813
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JP7507079 T2	19950803	JP19930515910T	19930309
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KR19957000337 A	19950116	KR19947003139	19930309
SG45438 A1	19980116	SG19960008579	19930309
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US5164444 C2	20011016	US19900567141	19900814
US5164444 C3	20060307	US19900567141	19900814
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US5183459 A	19930202	US19920847957	19920305
US5189126 A	19930223	US19920848092	19920309
US5264532 A	19931123	US19920955467	19921002
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WO9318072 A1	19930916	WO1993US02001	19930309

Priority:

US19890393970	19890814	US19900567141	19900814	US19920964434	19921021
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WO1993US01910	19930304				

Probable Assignee: AVERY DENNISON CORP

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Inventor(s): (std): MALLIKA BERNARD MARGARET ; BERNARD MARGARETH MALIKA ; BERNARD MARGARET MALLIKA ; BERNARD MARGARET M ; BERNARD MARGARET

Inventor(s): BERNARD MARGARET MALLIKA LA VERNE CA 91750 US ; MARGARETH MALIKA BERNARD ; MARGARET MALLIKA BERNARD ; MARGARET M BERNARD

Agent(s): FB RICE; FB RICE PTY LTD; FETHERSTONHAUGH AND CO

Designated states: AT AU BE BR CA CH DE DK ES FI FR GB GR IE IT JP KR LI LU MC NL PT SE

5) Family number: 8378586 (US5183841A)

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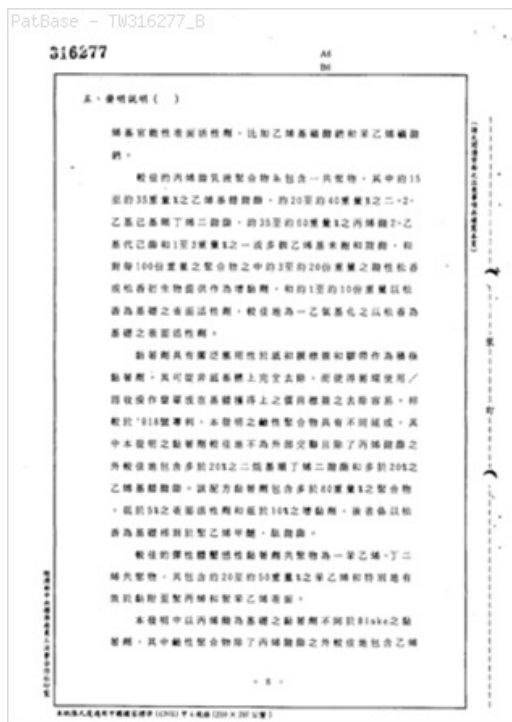
Title: REMOVABLE PRESSURE-SENSITIVE ADHESIVES FOR RECYCLABLE SUBSTRATES

Abstract: Source: US5183841A [EN] There is provided hot water and alkali removable pressure-sensitive adhesive composition based on inherently tacky, water insoluble emulsion pressure-sensitive adhesive acrylic polymers used in combination with a rosin based acidic tackifier and a rosin based surfactant.

Classifications:

International (IPC 8-9): C08F218/02 C08F218/08 C08L93/04
C09J109/06 C09J125/00 C09J125/10 C09J133/02 C09J133/04
C09J133/08 C09J135/02 C09J193/04 C09J7/02 (Advanced/Invention);
C08L93/04 C09J125/00 C09J133/04 (Advanced/Non-invention);
C08F218/00 C09J125/00 C09J133/04 C09J133/06
C09J7/02 (Core/Invention);
C08L93/00 C09J133/02 (Core/Non-invention)

International (IPC 1-7): C08F218/08 C08F220/00 C08F220/10 C08F236/06 C08L31/02 C08L33/08 C08L9/06 C08L93/04 C09D133/08 C09J109/06 C09J11/08 C09J125/10 C09J133/02 C09J133/06 C09J133/08 C09J135/02 C09J193/04
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European: C09J133/08 C09J7/02F2D M08L205/02 M08L93/04
US: 524/272 524/560 524/575 526/318.1 526/318.4 526/335



Family:

Publication number	Publication date	Application number	Application date
AU199334190 A1	19930728	AU19930034190	19921222
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JP7506126 T2	19950706	JP19930511867T	19921222
KR100255497 B1	20000501	KR19940702215	19940624
KR19947003899 A	19941212	KR19947002215	19921222
MX9207556 A1	19940531	MX19920007556	19921224
TW316277 B	19970921	TW19930100017	19930104
US5183841 A	19930202	US19910813354	19911224
US5385965 A	19950131	US19920996019	19921223
WO9313181 A1	19930708	WO1992US11161	19921222

Priority:

US19910813354 19911224 US19920996019 19921223 WO1992US11161 19921222

Probable Assignee: AVERY DENNISON CORP

Assignee(s): (std): AVERY DENNISON CORP

Assignee(s): AVERY DENNISON CORP PASADENA CALIF US ; AVERY DENNISON CORPUS ; BERNARD MARGARET MALLIKA ; SCHNIEDERS LAWRENCE JOSEPH

Inventor(s): (std): SCHNIEDERS LAWRENCE JOSEPH ; SCHNIEDERS LAWRENCE J ; SCHNIEDERS LAWRENCE ; SCHNEIDERS LAWRENCE J ; BERNARD MARGARET ; BERNARD MARGARET M ; BERNARD MARGARET MALLIKA ; SHUNIDER JOSEPH L

Inventor(s): SCHNIEDERS LAWRENCE JOSEPH EAST LAKE OH 44095 US ; BERNARD MARGARET MALLIKA LAVERNE CA 91750 US ; LAWRENCE J SCHNEIDERS ; MARGARET MALLIKA BERNARD ; LAWRENCE JOSEPH SCHNIEDERS ; MARGARET M BERNARD ; LAWRENCE J SCHNIEDERS

Agent(s): FB RICE; FB RICE PTY LTD; FETHERSTONHAUGH AND CO

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR LI LK LU MC MG ML MN MR MW NL NO PL PT RO RU SD SE SN TD TG

6) Family number: 30393568 (US5840823A)

© PatBase

Title: AQUEOUS POLYURETHANE DISPERSIONS HAVING LATENT CROSSLINKING PROPERTIES

Abstract: Source: US5840823A [EN] Aqueous polyurethane dispersions having latent crosslinking properties contain I) a disperse phase (P.I), containing Ia) a polyurethane (PUR.Ia) which, in addition to groups which impart water dispersibility to the polyurethane, carries groups which have a C-C double bond and in which the double bond is activated by a carbonyl group bonded directly therewith, or Ib) a mixture of a polyurethane (PUR.Ib) which carries groups which impart water dispersibility to the polyurethane but not groups which have a C-C double bond and in which the double bond is activated by a carbonyl group bonded directly therewith and a compound (V.I) which differs from the polyurethanes PUR.Ia and PUR.Ib, and which carries groups which have a C-C double bond and in which the double bond is activated by a carbonyl group bonded directly therewith and II) a disperse phase (P.II) containing a compound which differs from the compounds (PUR.Ia), (PUR.Ib) and (V.I) and which carries a plurality of groups selected from the group consisting of the thiol groups, primary amino groups and secondary amino groups.

Classifications:

International (IPC 8-9): C08G18/00 C08G18/08 C08G18/67 C08G18/83 C08G73/02 C08G75/04 C08K5/10 C08L75/14 C08L79/02 C08L81/02 C09D175/14 C09D179/02 C09D181/02 C09J11/06 C09J175/14 C09J179/02 C09J181/02 (Advanced/Invention); C08G18/00 C08G73/00 C08G75/00 C08K5/00 C08L75/00 C08L79/00 C08L81/00 C09D175/14 C09D179/00 C09D181/00 C09J11/02 C09J175/14 C09J179/00 C09J181/00 (Core/Invention)

International (IPC 1-7): C08G18/00 C08G18/08 C08G18/10 C08G18/32 C08G18/34 C08G18/38 C08G18/40 C08G18/42 C08G18/48 C08G18/65 C08G18/67 C08G18/71 C08G18/83 C08G73/02 C08G75/04 C08J3/03 C08K5/10 C08L75/04 C08L75/14 C08L79/02 C08L81/02 C09D157/06 C09D175/04 C09D175/14 C09D179/02 C09D181/02 C09J11/06 C09J175/04 C09J175/14 C09J179/02 C09J181/02

CPC: C08L75/04 C09D175/14 C08G18/0804 C08G18/67 C08G18/833 C08G18/835 C09J175/14

European: C08G18/08B C08G18/67 C08G18/83C C08G18/83D2 C09D175/14 C09J175/14

US: 522/98 524/507 524/840 525/455 525/458 528/376 528/392 528/73

1. Title of Invention Aqueous polyurethane dispersion, coating material or adhesive consisting thereof, and workpiece adhesively bonded, impregnated or coated therewith 2. Claims 1. An aqueous polyurethane dispersion having latent crosslinking properties and containing I) a disperse phase (P.I), containing Ia) a polyurethane (PUR.Ia) which, in addition to groups which impart water dispersibility to the polyurethane, carries groups which have a C-C double bond and in which the double bond is activated by a carbonyl group bonded directly therewith, or Ib) a mixture of - a polyurethane (PUR.Ib) which carries groups which impart water dispersibility to the polyurethane but not groups which have a C-C double bond and in which the double bond is activated by a carbonyl group bonded directly therewith and - a compound (V.I) which differs from the polyurethanes PUR.Ia and PUR.Ib, and which carries groups which have a C-C double bond and in which the double bond is activated by a carbonyl group bonded directly therewith and II) a disperse phase (P.II) containing a compound which differs from the compounds (PUR.Ia), (PUR.Ib) and (V.I) and which carries a plurality of groups selected from the group consisting of the thiol groups, primary amino groups and secondary amino groups. 2. An aqueous dispersion as claimed in claim 1, wherein the phase (P.I) contains a polyurethane (PUR.Ia) composed of a1) polyfunctional isocyanates of 4 to 30 carbon atoms, a2) polyols, of which	3702_A2
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Family:

Publication number	Publication date	Application number	Application date
DE19608610 A1	19970911	DE19961008610	19960306
DE59712176 D1	20050303	DE19975012176	19970225
EP0794204 A2	19970910	EP19970103004	19970225
EP0794204 A3	19971008	EP19970103004	19970225
EP0794204 B1	20050126	EP19970103004	19970225
ES2236763 T3	20050716	ES19970103004T	19970225
JP10053702 A2	19980224	JP19970050800	19970306
US5840823 A	19981124	US19970804690	19970225

Priority:

DE19961008610 19960306 DE19975012176 19970225

Probable Assignee: BASF SE

Assignee(s): (std): BASF AG ; BASF SE

Assignee(s): BASF 67063 LUDWIGSHAFEN DE AG ; BASF AG 67063 LUDWIGSHAFEN DE ; BASF AKTIENGESellschaft

Inventor(s): (std): WUESTEFELD RENATE ; LICHT ULRIKE ; KOKEL NICOLAS ; HAEBERLE KARL

Inventor(s): HAEBERLE DR ; HABERLE KARL DR ; KOKEL DR ; HAEBERLE KARL DR ; LICHT DR ; KOKEL NICOLAS DR ; WUESTEFELD DR ; LICHT ULRIKE DR ; WUESTEFELD RENATE DR ; WUSTEFELD RENATE DR ; WUESTENFELD RENATE DR

Designated states: BE DE ES FR GB IT NL

7) Family number: 28670485 (US5854329A)

© PatBase

Title: Water-thinnable dispersion, a process for producing it, and coating media

Abstract: Source: US5854329A [EN] This invention relates to a water-thinnable dispersion of one or more cationically modified and urethane-modified (meth)acrylic copolymers, which are produced by the solution polymerisation of unsaturated monomers which are polymerisable by a radical mechanism, or of a mixture of such monomers. Coating media based on this dispersion are particularly suitable for the production of base coats in multi-layer coatings, particularly in the coating of vehicles and vehicle parts.

Classifications:

International (IPC 8-9): B01J13/00 B05D1/36 B05D7/14 C08F290/06 C08F290/14 C08F8/44 C08G18/67 C08L51/08 C09D151/08 C09D155/00 C09D175/14 C09D175/16 C09D5/00 (Advanced/Invention); B01J13/00 B05D7/14 C09D155/00 C09D5/00 (Advanced/Non-invention); B01J13/00 B05D7/14 C08F290/00 C08F8/00 C08G18/00 C09D155/00 C09D175/14 C09D5/00 (Core/Invention)

International (IPC 1-7): B01J13/00 B05D1/36 B05D7/14 C08F212/08 C08F220/34 C08F283/00 C08F290/06 C08F290/14 C08F8/44 C08G18/32 C08G18/38 C08G18/42 C08G18/44 C08G18/48 C08G18/62 C08G18/64 C08G18/67 C08G18/83 C08J3/02 C08L51/08 C09D125/14 C09D133/14 C09D151/08 C09D155/00 C09D175/16 C09D5/00

CPC: C08G18/67 C08G18/672 C09D175/14 C09D175/16

European: C08G18/67 C08G18/67B4 C09D175/14 C09D175/16

US: 524/457 524/507 524/560 524/591 524/832 524/840

Family:

Publication number	Publication date	Application number	Application date
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PatBase - JP10053702_A2	本発明による水性基準ラッカー	比較用の水性基準ラッカー
本発明のバインダービヒクルモジュール	6 8 . 9 部	6 8 . 9 部
比較用のバインダービヒクルモジュール	1 5 . 0 部	1 5 . 0 部
休職モジュール	8 . 5 部	1 5 . 0 部
レオロジーモジュール		

AU199716374 A1	19971002	AU19970016374	19970318
CA2201066 AA	19970926	CA19972201066	19970326
DE19611812 A1	19971002	DE19961011812	19960326
EP0798323 A1	19971001	EP19970104848	19970321
JP10095820 A2	19980414	JP19970071061	19970325
US5854329 A	19981229	US19970818922	19970317

Priority:

CA19972201066 19970326 DE19961011812 19960326

Probable Assignee: HERBERTS GMBH

Assignee(s): (std): HERBERTS AND CO GMBH ; HERBERTS GMBH

Assignee(s): VOGT BIRNBRICH BETTINA ; HERBERTS GMBH 42285 WUPPERTAL DE ; HERBERTS GES MIT BESCHRANKTER HAFTUNG ; HERBERTS GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ; HERBERTS GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ; HERBERTS GESELLSCHAFTMIT BESCHRAENKTER HAFTUNG ; GOBEL ARMIN

Inventor(s): (std): ARMIN GOBEL ; BETTINA VOGT BIRNBRICH ; GOBEL ARMIN ; GOEBEL ARMIN ; GOEBEL ARMIN DIPL ING ; VOGT BIRNBRICH BETTINA ; VOGT BIRNBRICH BETTINA DIPL CH ; VOGT BIRNBRICH BETTINA DR

Inventor(s): VOGT BIRNBRICH BETTINA DIPL CHEM DR ; VOGT BIRNBRICH BETTINA DIPL CHEM DR 42719 SOLINGEN ; GOEBEL ARMIN DIPL ING 58300 WETTER DE

Agent(s): KIRBY EADES GALE BAKER

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

8) Family number: 29990634 (US6680097B)

© PatBase

Title: EASILY REMOVABLE LABEL FOR REUSABLE CONTAINERS

Abstract: Source: US6680097B [EN] A self-adhesive film label, in particular for reusable bottles, is proposed which can be readily detached in conventional washing equipment. This is achieved by means of a self-adhesive label with a stretched film layer, which shrinks back at elevated temperature in the washing device. Since the adhesive of the label loses its adhesive force at this temperature, the label is rapidly and readily detached, supported by the surrounding washing liquid of the washing device.

Classifications:

International (IPC 8-9): B32B7/12 G09F3/02

G09F3/10 (Advanced/Invention);

B32B7/12 G09F3/02 G09F3/10 (Core/Invention)

International (IPC 1-7): B08B3/14 B32B7/12 B65B55/24 C09J133/04 G09F3/02 G09F3/10

CPC: Y10S156/921 Y10T156/1142 Y10T428/14 Y10T428/1462

Y10T428/1486 C09J7/29 G09F3/04 B32B7/12 C09J2203/334

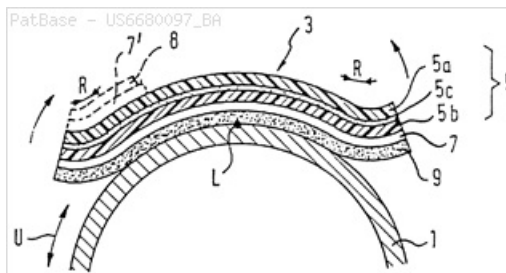
C09J2427/006 C09J2467/006 G09F3/02 G09F3/10 G09F2003/0257

European: B32B7/12 C09J7/02K9F G09F3/02 G09F3/04 G09F3/10

M09J203/334 M09J427/00S M09J467/00S S09F3/02A14

US: 134/10 134/16 156/247 156/344 156/709 156/921 156/94

283/81 428/40.1 428/41.5 428/42.1



Family:

Publication number	Publication date	Application number	Application date
AT256326 E	20031215	AT19990107508T	19990414
AU199942611 A1	20001114	AU19990042611	19990512
AU199942611 A5	20001114	AU19990042611	19990512
CA2370038 AA	20011015	CA19992370038	19990512
CA2370038 C	20080617	CA19992370038	19990512
DE29806781 U1	19990902	DE19982006781U	19980415
DE59907978 D1	20040122	DE19995007978	19990414
DK0951004 T3	20040329	DK19990107508T	19990414
EP0951004 A2	19991020	EP19990107508	19990414
EP0951004 A3	19991215	EP19990107508	19990414
EP0951004 B1	20031210	EP19990107508	19990414
ES2212410 T3	20040716	ES19990107508T	19990414
US6680097 BA	20040120	US20020926325	20020211
WO0062273 A1	20001019	WO1999EP03294	19990512

Priority:

DE19982006781U 19980415 DE19995007978 19990414 EP19990107508 19990414
WO1999EP03294 19990512

Probable Assignee: CCL LABEL GMBH

Assignee(s): (std): AMBERGER WERNER ; LINK CHRISTIAN ; SCHOENFELDER HELMUT ; STEIBEIS PPL GMBH ; STEINBEIS PPL GMBH ; ZWECKFORM ETIKETTIERTECHNIK

Assignee(s): ZWECKFORM ETIKETTIERTECHNIK GMBH ; SCHONFELDER HELMUT ; CCL LABEL GMBH

Inventor(s): (std): CHRISTIAN LINK ; HELMUT SCHONFELDER ; WERNER AMBERGER ; SCHONFELDER HELMUT ; SCHOENFELDER HELMUT ; LINK CHRISTIAN ; AMBERGER WERNER

Agent(s): BORDEN LADNER GERVAIS LLP

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZA ZW

9) Family number: 20670454 (US6391415B)

© PatBase

Title: LABEL SYSTEM

Abstract: Source: US6391415B [EN] A label system having a unique label stock. The label stock includes a water reducible ink system for forming a water resistant ink label and a scuff resistant protective, clear coat layer. A label carrier, formed from non-absorbent paper or plastic, receives the water resistant ink label. In the preferred embodiment, a heat-activated adhesive is applied to the surface of the color coat layer for transferring the label from the label carrier to the substrate. The heat-activated adhesive has an activation temperature less than the distortion temperature of the label carrier so as to not distort the image during transfer. A heat-activated, cross-linking agent may be added in at least one of the color coat and the protective, clear coat to improve water soak resistance. The heat-activated, cross-linking agent has an activation temperature of greater than the activation temperature of the adhesive. This allows the adhesive to be activated at a first, lower temperature and the cross-linking agent to be activated at a second, higher temperature after the label has been transferred to the substrate. However, because of the mechanics of transferring a label, the heat-activated, cross-linking agent may have an activation temperature down to about equal to the activation temperature of the adhesive and still perform satisfactory.

Classifications:

International (IPC 8-9): B32B7/12 G09F3/02

G09F3/10 (Advanced/Invention);

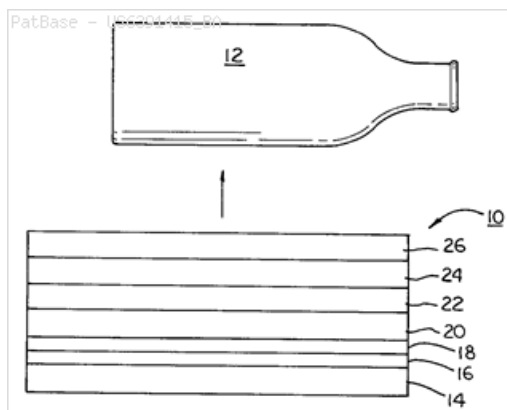
G09F3/02 G09F3/10 (Core/Invention)

International (IPC 1-7): B32B27/18 B32B7/12 B32B9/00 B42D15/00 G09F3/00 G09F3/02 G09F3/10

CPC: Y10S428/913 G09F3/02 G09F3/10 G09F2003/0233 Y10T428/14 Y10T428/1405 Y10T428/1452 Y10T428/1462 Y10T428/1467 Y10T428/1471 Y10T428/1476 Y10T428/1486 Y10T428/2486 Y10T428/24876 Y10T428/2813 Y10T428/2817 Y10T428/2835 Y10T428/2843 Y10T428/31786 Y10T428/31855 Y10T428/31935

European: G09F3/02 G09F3/10 S09F3/02A8B

US: 283/81 428/202 428/204 428/346 428/347 428/351 428/353 428/355 428/40.1 428/40.2 428/401 428/402 428/41.3 428/41.5 428/41.6 428/41.7 428/41.8 428/413 428/415 428/416 428/417 428/418 428/42.1 428/421 428/480 428/500 428/522 428/913

**Family:**

Publication number	Publication date	Application number	Application date
AU199959025 A1	20000321	AU19990059025	19990831
AU199959025 A5	20000321	AU19990059025	19990831
EP1117528 A1	20010725	EP19990946663	19990831
EP1117528 A4	20011107	EP19990946663	19990831
US6391415 BA	20020521	US19980144036	19980831
US6509075 BA	20030121	US20000580330	20000526
WO0012303 A1	20000309	WO1999US19666	19990831

Priority:

US19980144036 19980831 US20000580330 20000526 WO1999US19666 19990831

Probable Assignee: SIEGWERK DRUCKFARBEN AND CO KGAA AG

Assignee(s): (std): ENVIRONMENTAL INKS AND COATING

Assignee(s): ENVIRONMENTAL INKS AND COATING CORP ; ENVIRONMENTAL INKS AND COATINGS CORP ; SIEGWERK BENELUX NV ; SIEGWERK EIC LLC ; SIEGWERK DRUCKFARBEN AND CO KGAA AG

Inventor(s): (std): CHARLES D MCCURRY ; EDWARD G REDMAN ; MCCURRY CHARLES D ; MCCURRY CHARLES DOUGLAS ; MCCURRY DOUG ; REDMAN EDWARD ; REDMAN EDWARD G ; REDMAN EDWARD GEORGE

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM 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 LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW

10) Family number: 15489223 (US6579932B)

© PatBase

Title: Aqueous coating composition comprising a mixture of polyurethane dispersions

Abstract: Source: US6579932B [EN] The present invention relates to an aqueous coating composition comprising: 5-95 weight percent of a polyurethane/acrylate hybrid dispersion and 95-5 weight percent of a dispersion of a polyurethane resin with oxidatively drying groups. Optionally, the coating composition comprises in addition to the above-mentioned dispersions an emulsion of an alkyd resin. The coating composition can be used as a translucent or opaque primer or topcoat or as a clearcoat in decorative applications.

Classifications:

International (IPC 8-9): C08G18/34 C08G18/83 C09D133/08

C09D175/04 C09D5/02 (Advanced/Invention);

C09D5/02 (Advanced/Non-invention)

International (IPC 1-7): C08G18/34 C08G18/83 C08K3/00

C09D175/04 C09D5/02

CPC: C09D175/04

European: C09D175/04

US: 524/501 524/588

Изобретению относятся и модификации для покрытий и более конкретно к адгезивным композициям для покрытий, содержащим смесь различных полуретановых дисперсий.

Водные композиции для покрытий, содержащие полуретановую дисперсию, являются хорошо известными для получения пленочных покрытий на различных подложках, таких как дерево, металл, пластик и текстиль. Они могут использоваться, например, для создания защитных покрытий, так как полуретановые смолы обладают очень изрядными свойствами, такими как высокая адгезивная способность, износостойкость, эластичность, долговечность.

Настоящее изобретение относится к новой композиции для покрытия, содержащей 3-95% мас., по меньшей мере, одной дисперсии/компоненту эфирной дисперсии и 55-5% мас., по меньшей мере, одной дисперсии полуретановой смолы с трибуленом, отличающегося за счет окисления.

Настоящее процентное содержание является содержанием по отношению к общей массе присутствующих твердых полуретановых

RU
2221832
C2

Family:

Publication number	Publication date	Application number	Application date
AT220710 E	20020815	AT19990952628T	19991020
AU199964754 A1	20000515	AU19990064754	19991020
AU199964754 A5	20000515	AU19990064754	19991020
BRPI9914833 A	20010710	BR1999PI14833	19991020
BRPI9914833 B1	20081118	BR1999PI14833	19991020
CA2347883 AA	20010424	CA19992347883	19991020
CA2347883 C	20070626	CA19992347883	19991020
DE69902189 D1	20020822	DE19996002189	19991020
DE69902189 T2	20030320	DE19996002189T	19991020
DK1129146 T3	20021028	DK19990952628T	19991020
EE04400 B1	20041215	EE20010000238	19991020
EE200100238 A	20020815	EE20010000238	19991020
EP1129146 A1	20010905	EP19990952628	19991020
EP1129146 B1	20020717	EP19990952628	19991020
ES2181484 T3	20030216	ES19990952628T	19991020
HU0103962 AB	20020228	HU20010003962	19991020
HU0103962 AC	20030630	HU20010003962	19991020
HU226218 B1	20080630	HU20010003962	19991020
NO20012026 A	20010625	NO20010002026	20010425
NO20012026 A0	20010425	NO20010002026	20010425
NO325599 B1	20080623	NO20010002026	20010425
PL190231 B1	20051130	PL19990347422	19991020
PL347422 A1	20020408	PL19990347422	19991020
PT1129146 T	20021129	PT19990952628T	19991020
RU2001114195 A	20030810	RU20010114195	19991020
RU2221832 C2	20040120	RU20010114195	19991020
TR200101135 T2	20010921	TR20010001135T	19991020
US6579932 BA	20030617	US20010830495	20010612
WO0024837 A1	20000504	WO1999EP08158	19991020

Priority:

EP19980203590 19981026 EP19990952628 19991020 WO1999EP08158 19991020

Probable Assignee: AKZO NOBEL NV

Assignee(s): (std): AKZO NOBEL NV ; SCHIPPER KATINKA ; VERBIEST RUDOLF ; GEURINK PETRUS JOHANNES ARNOLD

Assignee(s): AKZO NOBEL VELPERWEG NV ; GEURINK PETRUS JOHANNES ARNOLDUS ; AKZO NOBEL N V ; AKZO NOBEL N V ARNHEIM ARNHEM ; AKZO NOBEL N V ARNHEM

Inventor(s): (std): GERINK PETRUS JOHANNES ARNOLDUS ; GEURINK PETRUS JOHANNES ARNOLD ; GEURINK PETRUS JOHANNES ARNOLDUS ; KATINKA SCHIPPER ; PETRUS JOHANNES ARNOLDUS GEURINK ; RUDOLF VERBIEST ; SCHIPPER KATINKA ; VERBIEST RUDOLF ; VERBIEST RUDOLF ; SKHIPPER KATINKA ; GEURINK JOHANNES ; GERINK PETRUS JOHANNES ARNOLD

Inventor(s): GERINK PETRUS JOHANNES ARNOLDUS ; VERBIEST RUDOLF

Agent(s): OGILVY RENAULT LLP SENCRL SRL

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX 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 US UZ VN YU ZA ZW

Title: PRIMER WITH LONG CURE TIME FOR POLYMERIC SUBSTRATES

Abstract: Source: US2006167190A [EN] The invention relates to a primer composition, comprising at least one polyurethane prepolymer (A) with isocyanate terminal groups, at least one aliphatic polyisocyanate (B), at least one aromatic polyisocyanate (C) and at least one reaction product (D), which may be obtained from at least one epoxysilane and at least one aminosilane or from at least one epoxysilane and at least one mercaptosilane. The invention relates to the use of the primer composition as primer for adhesives, sealants and floor coatings.

Classifications:

International (IPC 8-9): C08G18/10 C08J7/04 C08L63/00 C08L75/00 C08L83/00 C09D175/04 C09J175/04

C09K3/10 (Advanced/Invention);

B32B27/40 (Advanced/Non-invention);

C09J175/04 C09K3/10 (Core/Invention)

International (IPC 1-7): C08G18/10 C08J7/04 C09D175/04

CPC: C08G18/10 C08J7/04 C08J2475/00 C09D175/04

European: M08J475/00

US: 427/386 427/387 524/770 524/773 525/457 525/457P 525/474 525/474S 525/528 525/528S 528/27 528/28 528/59

Family:

Publication number	Publication date	Application number	Application date
AT512179 E	20110615	AT20030763804T	20030711
AU2003246678 AA	20040202	AU20030246678	20030711
CA2493291 AA	20050121	CA20032493291	20030711
DE50313742 D1	20110721	DE20035013742	20030711
EP1382625 A1	20040121	EP20020015771	20020715
EP1523511 A1	20050420	EP20030763804	20030711
EP1523511 B1	20110608	EP20030763804	20030711
NO20050776 A	20050414	NO20050000776	20050214
RU2005103825 A	20050720	RU20050103825	20030711
RU2393188 C2	20100627	RU20050103825	20030711
US2006167190 AA	20060727	US20030521597	20030711
US7507443 BB	20090324	US20030521597	20030711
WO04007585 A1	20040122	WO2003EP07506	20030711

Priority:

EP20020015771 20020715

EP20030763804 20030711

WO2003EP07506 20030711

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Inventor(s): TRABEZINGER GERALD

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; ISLER JOERG; OLIFF AND BERRIDGE PLC

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 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

12) Family number: 60542070 (US2015284598A)

Title: COMPOSITIONS FOR REMOVABLE LABELS

Abstract: Source: US2015284598A [EN] Compositions for use in labels and receiving print thereon are described. The compositions anchor and retain the adhesive and enable labels or facestock using such compositions to be used in container reclamation and reuse programs.

Classifications:

International (IPC 8-9): B08B9/08 B32B27/40 B32B38/10

B32B43/00 B32B7/10 B32B7/12 B65C1/00 B65C3/00 B65D25/20

C08K5/42 C08L75/04 C08L75/14 C09D175/04 C09D175/14

C09D175/16 C09D5/00 C09D7/12 C09J7/02 G09F3/02

G09F3/10 (Advanced/Invention)

CPC: C09D175/04 C09D175/16 C09D5/002 B65D25/205 G09F3/02

G09F3/10 C08K5/42 C08L75/04 G09F2003/0272 Y10T156/10

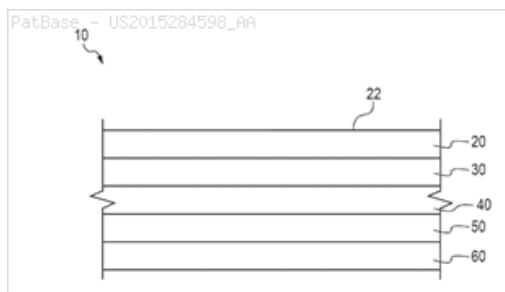
Y10T156/1111 Y10T156/1116 Y10T428/1476 Y10T428/2843

B08B9/083 C09J2203/334 C09J2475/003 C09D175/14 C09J7/50

C09J7/0257 C09D7/63 C08L75/14

US: 156/249 156/60 156/703 156/704 206/459.5 40/638 428/353

428/41.8 524/157 524/500 524/590



Family:

Publication number	Publication date	Application number	Application date
AU2015244081 AA	20151015	AU20150244081	20150407
BR112016023542 A2	20170815	BR20161123542	20150407
CA2945353 AA	20161007	CA20152945353	20150407
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CO20160003806 A2	20170519	CO20160003806	20161103
EP3129166 A1	20170215	EP20150717374	20150407
IN201617037856 A	20170217	IN201617037856	20161106
KR20160143691 A	20161214	KR20167029166	20150407
MX2016013233 A1	20170427	MX20160013233	20150407
US2015284598 AA	20151008	US20150680130	20150407

Priority:

US20140975986P 20140407 US20150680130 20150407 WO2015US24601 20150407

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Inventor(s): JOS VAN NOORT

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PATENTANWAELTE PARTG MBB; GRECI MARCIA T ET AL

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