

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																														
NATURE OF CONVEYANCE:	SECURITY AGREEMENT																														
CONVEYING PARTY DATA																															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Galata Chemicals Holding Company, LLC</td><td>04/30/2010</td></tr><tr><td>Galata Chemicals, LLC</td><td>04/30/2010</td></tr></tbody></table>		Name	Execution Date	Galata Chemicals Holding Company, LLC	04/30/2010	Galata Chemicals, LLC	04/30/2010																								
Name	Execution Date																														
Galata Chemicals Holding Company, LLC	04/30/2010																														
Galata Chemicals, LLC	04/30/2010																														
RECEIVING PARTY DATA																															
<table border="1"><tr><td>Name:</td><td>Wachovia Capital Finance Corporation (New England)</td></tr><tr><td>Street Address:</td><td>12 East 49th Street</td></tr><tr><td>City:</td><td>New York</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10017</td></tr></table>		Name:	Wachovia Capital Finance Corporation (New England)	Street Address:	12 East 49th Street	City:	New York	State/Country:	NEW YORK	Postal Code:	10017																				
Name:	Wachovia Capital Finance Corporation (New England)																														
Street Address:	12 East 49th Street																														
City:	New York																														
State/Country:	NEW YORK																														
Postal Code:	10017																														
PROPERTY NUMBERS Total: 41																															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>5242624</td></tr><tr><td>Patent Number:</td><td>6410795</td></tr><tr><td>Patent Number:</td><td>6756431</td></tr><tr><td>Patent Number:</td><td>6835328</td></tr><tr><td>Patent Number:</td><td>6872854</td></tr><tr><td>Patent Number:</td><td>6984684</td></tr><tr><td>Patent Number:</td><td>7550525</td></tr><tr><td>Patent Number:</td><td>6825256</td></tr><tr><td>Patent Number:</td><td>7282527</td></tr><tr><td>Patent Number:</td><td>7390846</td></tr><tr><td>Application Number:</td><td>10995605</td></tr><tr><td>Application Number:</td><td>11124464</td></tr><tr><td>Patent Number:</td><td>5710196</td></tr><tr><td>Patent Number:</td><td>5780549</td></tr></tbody></table>		Property Type	Number	Patent Number:	5242624	Patent Number:	6410795	Patent Number:	6756431	Patent Number:	6835328	Patent Number:	6872854	Patent Number:	6984684	Patent Number:	7550525	Patent Number:	6825256	Patent Number:	7282527	Patent Number:	7390846	Application Number:	10995605	Application Number:	11124464	Patent Number:	5710196	Patent Number:	5780549
Property Type	Number																														
Patent Number:	5242624																														
Patent Number:	6410795																														
Patent Number:	6756431																														
Patent Number:	6835328																														
Patent Number:	6872854																														
Patent Number:	6984684																														
Patent Number:	7550525																														
Patent Number:	6825256																														
Patent Number:	7282527																														
Patent Number:	7390846																														
Application Number:	10995605																														
Application Number:	11124464																														
Patent Number:	5710196																														
Patent Number:	5780549																														

501173678

PATENT
REEL: 024369 FRAME: 0232

CH \$1640.00 5242624

Patent Number:	5741865
Patent Number:	5807802
Patent Number:	5567751
Patent Number:	5872166
Application Number:	11418633
Patent Number:	7629412
Patent Number:	7514485
Application Number:	11634474
Application Number:	11634745
Application Number:	12284806
Application Number:	10450591
Patent Number:	7393887
Patent Number:	6303808
Patent Number:	5057622
Patent Number:	5198486
Patent Number:	5015777
Patent Number:	5034443
Patent Number:	5225108
Patent Number:	5102933
Patent Number:	5656202
Patent Number:	5286788
Patent Number:	5874643
Application Number:	12798578
Patent Number:	5888427
Application Number:	61238940
Application Number:	61328104
Application Number:	12397137

CORRESPONDENCE DATA

Fax Number: (212)259-6333

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2122598318

Email: ptodocket@dl.com

Correspondent Name: Monique L. Ribando

Address Line 1: 1301 Avenue of the Americas

Address Line 2: Dewey & LeBoeuf LLP

Address Line 4: New York, NEW YORK 10019

PATENT

REEL: 024369 FRAME: 0233

ATTORNEY DOCKET NUMBER:	101413.82
NAME OF SUBMITTER:	Monique L. Ribando
Total Attachments: 14 source=Galata Patent Security Agreement#page1.tif source=Galata Patent Security Agreement#page2.tif source=Galata Patent Security Agreement#page3.tif source=Galata Patent Security Agreement#page4.tif source=Galata Patent Security Agreement#page5.tif source=Galata Patent Security Agreement#page6.tif source=Galata Patent Security Agreement#page7.tif source=Galata Patent Security Agreement#page8.tif source=Galata Patent Security Agreement#page9.tif source=Galata Patent Security Agreement#page10.tif source=Galata Patent Security Agreement#page11.tif source=Galata Patent Security Agreement#page12.tif source=Galata Patent Security Agreement#page13.tif source=Galata Patent Security Agreement#page14.tif	

PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (as amended, restated, supplemented, or otherwise modified from time to time, this "Patent Security Agreement") is made this 30th day of April, 2010, by and among the Grantors listed on the signature pages hereof (collectively, jointly and severally, "Grantors" and each individually "Grantor"), and **WACHOVIA CAPITAL FINANCE CORPORATION (NEW ENGLAND)**, a Massachusetts corporation ("WCFC"), in its capacity as agent for the Lender Group and the Bank Product Providers (in such capacity, together with its successors and assigns in such capacity, the "Agent").

W I T N E S S E T H:

WHEREAS, pursuant to (i) that certain Credit Agreement, of even date herewith (as amended, restated, supplemented, or otherwise modified from time to time, the "Domestic Credit Agreement"), among Galata Chemicals Holding Company, LLC, a Delaware limited liability company, as parent ("Parent"), Galata Chemicals, LLC, a Delaware limited liability company, as borrower ("Borrower"), the lenders party thereto as "Lenders" (such Lenders, together with their respective successors and assigns in such capacity, each, individually, a "Lender" and, collectively, the "Lenders"), and the Agent and (ii) that certain EXIM Guaranteed Credit Agreement, of even date herewith (as amended, restated, supplemented, or otherwise modified from time to time, the "EXIM Credit Agreement", and together with the Domestic Credit Agreement, the "Credit Agreements", and each, a "Credit Agreement"), among Parent, Borrower, the Lenders and the Agent, the Lender Group is willing to make certain financial accommodations available to Borrower pursuant to the terms and conditions thereof; and

WHEREAS, the members of Lender Group are willing to make the financial accommodations to Borrower as provided for in the Credit Agreements, but only upon the condition, among others, that the Grantors shall have executed and delivered to Agent, for the benefit of the Lender Group and the Bank Product Providers, that certain Security Agreement, dated as of April 30, 2010 (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, the "Security Agreement"); and

WHEREAS, pursuant to the Security Agreement, Grantors are required to execute and deliver to Agent, for the benefit of the Lender Group and the Bank Product Providers, this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. DEFINED TERMS. All initially capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement or, if not defined therein, in the Credit Agreement.

2. GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. Each Grantor hereby unconditionally grants, assigns, and pledges to Agent, for the benefit each member of the Lender Group and each of the Bank Product Providers, to secure the Secured Obligations, a continuing security interest (referred to in this Patent Security Agreement as the "Security Interest") in all of such Grantor's right, title and interest in and to the following (subject to the limitations contained in the Security Agreement), whether now owned or hereafter acquired or arising (collectively, the "Patent Collateral"):

(a) all of its Patents and Patent Intellectual Property Licenses to which it is a party including those referred to on Schedule I hereto;

(b) all reissues, continuations, continuations-in-part, reissues, reexaminations, or extensions of the foregoing; and

(c) all products and proceeds of the foregoing, including any claim by such Grantor against third parties for past, present or future infringement of any Patent or any Patent exclusively licensed under any Intellectual Property License, including the right to receive damages, or right to receive license fees, royalties, and other compensation under any Patent Intellectual Property License.

3. SECURITY FOR SECURED OBLIGATIONS. This Patent Security Agreement and the Security Interest created hereby secures the payment and performance of all the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Patent Security Agreement secures the payment of all amounts which constitute part of the Secured Obligations and would be owed by Grantors, or any of them, to Agent, the Lender Group, the Bank Product Providers or any of them, whether or not they are unenforceable or not allowable due to the existence of an Insolvency Proceeding involving any Grantor.

4. SECURITY AGREEMENT. The Security Interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interests granted to Agent, for the benefit of the Lender Group and the Bank Product Providers, pursuant to the Security Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the Security Interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. To the extent there is any inconsistency between this Patent Security Agreement and the Security Agreement, the Security Agreement shall control.

5. TERMINATION. Upon payment in full of the Obligations in accordance with the provisions of the Credit Agreement and termination or expiration of the Commitments thereunder, the Agent shall, at Grantors' expense, execute, acknowledge and deliver to Grantors proper documents and instruments acknowledging the release of the lien and security interest in the Patent Collateral and other Collateral under this Patent Security Agreement and the Security Agreement

6. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new patent application or issued patent or become entitled to the benefit of any patent application or patent for any divisional, continuation, continuation-in-part, reissue, or reexamination of any existing patent or patent application, the provisions of this Patent Security Agreement shall automatically apply thereto. Grantors shall give prompt notice in writing to Agent with respect to any such new patent rights. Without limiting Grantors' obligations under this Section, Grantors hereby authorize Agent unilaterally to modify this Patent Security Agreement by amending Schedule I to include any such new patent rights of each Grantor. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

7. COUNTERPARTS. This Patent Security Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Patent Security Agreement. Delivery of an executed counterpart of this Patent Security Agreement by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Patent Security Agreement. Any party delivering an executed counterpart of this Patent Security Agreement by telefacsimile or other electronic method of transmission also shall deliver an original executed counterpart of this Patent Security Agreement but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Patent Security Agreement.

8. CONSTRUCTION. This Patent Security Agreement is a Loan Document. Unless the context of this Patent Security Agreement clearly requires otherwise, references to the plural include the singular, references to the singular include the plural, the terms "includes" and "including" are not limiting,

and the term “or” has, except where otherwise indicated, the inclusive meaning represented by the phrase “and/or”. The words “hereof”, “herein”, “hereby”, “hereunder”, and similar terms in this Patent Security Agreement refer to this Patent Security Agreement as a whole and not to any particular provision of this Patent Security Agreement. Section, subsection, clause, schedule, and exhibit references herein are to this Patent Security Agreement unless otherwise specified. Any reference in this Patent Security Agreement to any agreement, instrument, or document shall include all alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements, thereto and thereof, as applicable (subject to any restrictions on such alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements set forth herein). The words “asset” and “property” shall be construed to have the same meaning and effect and to refer to any and all tangible and intangible assets and properties, including cash, securities, accounts, and contract rights. Any reference herein to the satisfaction, repayment, or payment in full of the Secured Obligations shall mean the repayment in full in cash (or, in the case of Letters of Credit or Bank Products, providing Letter of Credit Collateralization or Bank Product Collateralization, as applicable) of all Secured Obligations other than unasserted contingent indemnification Secured Obligations and other than any Bank Product Obligations that, at such time, are allowed by the applicable Bank Product Provider to remain outstanding and that are not required by the provisions of either Credit Agreement to be repaid or cash collateralized. Any reference herein to any Person shall be construed to include such Person’s successors and assigns. Any requirement of a writing contained herein shall be satisfied by the transmission of a Record and any Record so transmitted shall constitute a representation and warranty as to the accuracy and completeness of the information contained therein.

9. THE VALIDITY OF THIS PATENT SECURITY AGREEMENT, THE CONSTRUCTION, INTERPRETATION, AND ENFORCEMENT HEREOF, AND THE RIGHTS OF THE PARTIES HERETO WITH RESPECT TO ALL MATTERS ARISING HEREUNDER OR RELATED HERETO SHALL BE DETERMINED UNDER, GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK.

10. THE PARTIES AGREE THAT ALL ACTIONS OR PROCEEDINGS ARISING IN CONNECTION WITH THIS PATENT SECURITY AGREEMENT SHALL BE TRIED AND LITIGATED ONLY IN THE STATE AND, TO THE EXTENT PERMITTED BY APPLICABLE LAW, FEDERAL COURTS LOCATED IN THE BOROUGH OF MANHATTAN, CITY OF NEW YORK, STATE OF NEW YORK; PROVIDED, HOWEVER, THAT ANY SUIT SEEKING ENFORCEMENT AGAINST ANY COLLATERAL OR OTHER PROPERTY MAY BE BROUGHT, AT AGENT’S OPTION, IN THE COURTS OF ANY JURISDICTION WHERE AGENT ELECTS TO BRING SUCH ACTION OR WHERE SUCH COLLATERAL OR OTHER PROPERTY MAY BE FOUND. AGENT AND EACH GRANTOR WAIVE, TO THE EXTENT PERMITTED UNDER APPLICABLE LAW, ANY RIGHT EACH MAY HAVE TO ASSERT THE DOCTRINE OF FORUM NON CONVENIENS OR TO OBJECT TO VENUE TO THE EXTENT ANY PROCEEDING IS BROUGHT IN ACCORDANCE WITH THIS SECTION 9.

11. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, AGENT AND EACH GRANTOR HEREBY WAIVE THEIR RESPECTIVE RIGHTS TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION BASED UPON OR ARISING OUT OF THIS AGREEMENT OR ANY OF THE TRANSACTIONS CONTEMPLATED HEREIN, INCLUDING CONTRACT CLAIMS, TORT CLAIMS, BREACH OF DUTY CLAIMS, AND ALL OTHER COMMON LAW OR STATUTORY CLAIMS. AGENT AND EACH GRANTOR REPRESENT THAT EACH HAS REVIEWED THIS WAIVER AND EACH KNOWINGLY AND VOLUNTARILY WAIVES ITS JURY TRIAL RIGHTS FOLLOWING CONSULTATION WITH LEGAL COUNSEL. IN THE EVENT OF LITIGATION, A COPY OF THIS PATENT SECURITY AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.

[SIGNATURE PAGE FOLLOWS]

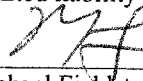
IN WITNESS WHEREOF, the undersigned parties hereto have caused this Agreement to be executed and delivered as of the day and year first above written.

GRANTORS:

GALATA CHEMICALS HOLDING COMPANY, LLC,
a Delaware limited liability company

By: 
Name: Michael Fieldstone
Title: Co-President

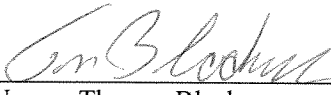
GALATA CHEMICALS, LLC,
a Delaware limited liability company

By: 
Name: Michael Fieldstone
Title: Co-President

Signature page to Trademark Security Agreement

AGENT:

**WACHOVIA CAPITAL FINANCE CORPORATION
(NEW ENGLAND),**
a Massachusetts corporation

By: 
Name: Thomas Blackman
Title: Vice President

SCHEDULE I
to
PATENT SECURITY AGREEMENT

Patents

See attached.

Patent License

See attached.

Material Patents

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Argentina	Pending	22-Nov-05	P050104893			Clear Impact Modifier, Heat Resistant Polyvinyl Halide Compositions	Chemtura Corporation	Heat Stabilizers-PVC	
Australia	Granted	17-May-91	77111/91	635688	19-Jul-93	Polymer Stabilizer and Polymer Composition Stabilized Therewith	Crompton Corporation	Heat Stabilizers-PVC	17-May-11
Austria	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Austria	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	Direct Synthesis of Tin (II) and Carboxylates and Tin (IV)Carboxylates From Elemental Tin or Tin Oxides	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Belgium	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Belgium	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Belgium	Granted	7-May-91	91304066.3	457471	29-Jan-97	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	7-May-11
Brazil	Pending	27-Jun-03	PI0312524-6			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	
Brazil	Pending	16-Dec-03	PI0318510-9			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Brazil	Pending	11-Aug-04	PI0413227-0			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Brazil	Pending	28-Apr-06	PI0610478-9			Alkyltin Sulfanyl Mercaptocarboxylates Having Terminal Thiol Groups	Chemtura Corporation	Heat Stabilizers-PVC	
Brazil	Pending	15-Nov-07	PI0719933-3			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
Canada	Pending	28-Apr-06	2606309			ALKYL TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
Canada	Granted	16-May-96	2221558	2221558	6-Mar-07	Alkyl-Tin PVC Stabilizers with Added Aromatic Ether Alcohol to Prevent Precipitation	Witco Corporation	Heat Stabilizers-PVC	16-May-16
Canada	Granted	19-Jun-96	2224398	2224398	10-Apr-07	Overbased PVC Stabilizer	Witco Corporation	Heat Stabilizers-PVC	19-Jun-16
Canada	Granted	17-Jun-1996	2224202	2224202	28-Aug-2007	METHOD FOR MAKING OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	17-Jun-2016
Canada	Pending	15-Nov-07	2669172			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	15-Nov-27
Canada	Granted	9-May-91	2042158	2042158	17-Sep-02	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	9-May-11
Canada	Pending	22-Jul-91	2047361			Polyvinylchloride Composition and Stabilizers Therefor	Witco Corporation	Heat Stabilizers-PVC	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
China P.R.	Granted	16-Dec-03	200380110464.8	ZL200380110464.8	25-Sep-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	16-Dec-23
China P.R.	Granted	27-Jun-03	03817930.X	ZL03817930.X	16-Jan-08	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	27-Jun-23
China P.R.	Granted	11-Aug-04	200480027922.6	200480027922.6	5-Aug-09	Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	11-Aug-24
China P.R.	Pending	22-Nov-05	200510003458.3			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Chemtura Corporation	Heat Stabilizers-PVC	
China P.R.	Pending	28-Apr-06	200680015227.7			ALKYL-TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
China P.R.	Pending	15-Nov-07	200780045011.X			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
China P.R.	Granted	7-Aug-01	1815265.1	1815265.1	12-Oct-05	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Crompton Corporation	Heat Stabilizers-PVC	7-Aug-21
European Patent Convention	Pending	16-Dec-03	3818917.1			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
European Patent Convention	Pending	2-Jan-03	3700673.1			Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	
European Patent Convention	Pending	11-Aug-04	4780955.3			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
European Patent Convention	Pending	15-Nov-07	7862046.5			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
France	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
France	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
France	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Crompton Corporation	Heat Stabilizers-PVC	11-Jul-17
France	Granted	16-May-96	96915857.5	828787	26-Nov-03	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Crompton Corporation	Heat Stabilizers-PVC	16-May-16
France	Granted	19-Jun-96	96922496.3	833861	9-May-01	OVERBASED PVC STABILIZER	Crompton Corporation	Heat Stabilizers-PVC	19-Jun-16
France	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
France	Granted	7-May-91	91304066.3	457471	29-Jan-97	POLYMER STABILIZER AND POLYMER COMPOSITION	Witco Corporation	Heat Stabilizers-PVC	7-May-11

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Germany	Granted	27-Jun-03	3763038.1	60328027.7	17-Jun-09	STABILIZED THEREW ITH Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Germany	Granted	6-Jun-03	3741907.4	60312685.5	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Germany	Granted	6-Dec-02	2806450.9	60216145.2	15-Nov-06	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	6-Dec-22
Germany	Granted	11-Jul-97	97111855.9	69715978.7	2-Oct-02	Stable Aqueous Dispersions of Dibutyltin Oxide	Crompton Corporation	Heat Stabilizers-PVC	11-Jul-17
Germany	Granted	16-May-96	96915857.5	69630885.1	26-Nov-03	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Crompton Corporation	Heat Stabilizers-PVC	16-May-16
Germany	Granted	19-Jun-96	96922496.3	69612746.6	9-May-01	OVERBASED PVC STABILIZER	Crompton Corporation	Heat Stabilizers-PVC	19-Jun-16
Germany	Granted	7-Aug-01	1959611.3	60114212.8	19-Oct-05	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Germany	Granted	7-May-91	91304066.3	69124418.9	29-Jan-97	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	7-May-11
Germany	Granted	23-Jul-91	91306682.5	69127814.8	1-Oct-97	POLYVINYLCHLORIDE COMPOSITION AND STABILIZERS THEREFOR	Witco Corporation	Heat Stabilizers-PVC	23-Jul-11
Great Britain	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Great Britain	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Great Britain	Granted	6-Dec-02	2806450.9	1461381	15-Nov-06	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	6-Dec-22
Great Britain	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Crompton Corporation	Heat Stabilizers-PVC	11-Jul-17
Great Britain	Granted	16-May-96	96915857.5	828787	26-Nov-03	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Crompton Corporation	Heat Stabilizers-PVC	16-May-16
Great Britain	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Great Britain	Granted	7-May-91	91304066.3	457471	29-Jan-97	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Crompton Corporation	Heat Stabilizers-PVC	7-May-11
Hong Kong	Granted	27-Jun-03	6103502.9	HK1083514	28-Nov-08	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	27-Jun-23
Hong Kong	Pending	14-Dec-06	6113752.5			CLEAR IMPACT MODIFIER, HEAT	Crompton	Heat	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Hong Kong	Pending	27-Nov-09	9111112.1			RESISTANT POLYVINYL HALIDE COMPOSITIONS	Corporation	Stabilizers-PVC	
India	Pending	16-Dec-03	1464/DELNP/2006			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
India	Pending	11-Aug-04	1261/DELNP/2006			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Italy	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Italy	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Italy	Granted	6-Dec-02	2806450.9	1461381	15-Nov-06	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Dec-22
Italy	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	11-Jul-17
Italy	Granted	16-May-96	96915857.5	828787	26-Nov-03	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Crompton Corporation	Heat Stabilizers-PVC	16-May-16
Italy	Granted	7-May-91	91304066.3	457471	29-Jan-97	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Crompton Corporation	Heat Stabilizers-PVC	7-May-11
Japan	Pending	28-Mar-03	2003-584165			POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Witco Corporation	Heat Stabilizers-PVC	
Japan	Pending	6-Dec-02	2003-560092			Heterocyclic Tin Flame Retardants/Smoke Suppressants and Halogen-Containing Polymer Composition Containing Same	Crompton Corporation	Heat Stabilizers-PVC	
Japan	Pending	2-Jan-03	2003-560099			Stability Improvement of Aluminum Hydroxide in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	
Japan	Pending	25-Dec-07	2007-331351			Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	
Japan	Pending	11-Aug-04	2006-523929			Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC compound	Chemtura Corporation	Heat Stabilizers-PVC	
Japan	Pending	28-Apr-06	2008-510075			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Japan	Granted	19-Jun-96	503903/1997	3605415	8-Oct-04	ALKYL TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	19-Jun-16
Japan	Granted	7-Aug-01	2002-519466	3871645	27-Oct-06	OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	7-Aug-21
Japan	Granted	17-Jun-1996	503899/1997	4208962	31-Oct-2008	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	17-Jun-2016
Japan	Granted	16-May-91	111744/91	3241397	19-Oct-01	METHOD FOR MAKING OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	16-May-11
						POLYMER STABILIZER AND	Chemtura	Heat	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Mexico	Pending	11-Aug-04	PA/a/2006/001942			POLYMER COMPOSITION STABILIZED THEREW ITH	Corporation	Stabilizers-PVC	
Mexico	Granted	7-Aug-01	2003/001239	229944	12-Aug-05	Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Mexico	Granted	17-May-91	25827	183389	27-Nov-96	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Crompton Corporation	Heat Stabilizers-PVC	7-Aug-21
Netherlands	Granted	27-Jun-03	3763038.1	1539872	17-Jun-09	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	17-May-11
Netherlands	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	27-Jun-23
Netherlands	Granted	7-Aug-01	1959611.3	1307465	19-Oct-05	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
Netherlands	Granted	7-May-91	91304066.3	457471	29-Jan-97	DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Patent Cooperation Treaty Republic of Korea	Pending	1-Sep-09	PCT/US2009/055571			POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREW ITH	Witco Corporation	Heat Stabilizers-PVC	7-May-11
Republic of Korea	Pending	16-Dec-03	2006-7005839			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Pending	11-Aug-04	10-2006-7003482			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Pending	28-Apr-06	7025491/2007			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Pending	15-Nov-07	2009-7011530			ALKYL TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
Republic of Korea	Granted	7-Aug-01	7001899/2003	10-0785608	6-Dec-07	Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	7-Aug-21
Republic of Korea	Pending	13-Nov-07	2007-7026370			DIRECT SYNTHESIS OF TIN (II) AND CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Chemtura Corporation	Heat Stabilizers-PVC	
Russian Federation	Granted	16-Dec-03	2006-113608	2337935	10-Nov-08	Direct Synthesis of Tin (II) and Carboxylates and Tin (IV) Carboxylates from Elemental Tin or Tin Oxides	Chemtura Corporation	Heat Stabilizers-PVC	16-Dec-23
Russian Federation	Granted	11-Aug-04	2006108116	2355716	20-May-09	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	11-Aug-24
Saudi Arabia	Pending	24-Sep-08	109300571			Stabilization System for Halogen-Containing Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
						Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
Spain	Granted	11-Jul-97	97111855.9	818457	2-Oct-02	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Crompton Corporation	Heat Stabilizers-PVC	11-Jul-17
Taiwan	Granted	9-Apr-03	92108128	I301135	21-Sep-08	Heterocyclic Tin Flame Retardants/Smoke Suppressants and Halogen-Containing Polymer Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	8-Apr-23
Taiwan	Pending	8-Jul-03	92118612			Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Chemtura Corporation	Heat Stabilizers-PVC	
Taiwan	Granted	20-Jun-03	92116869	I284657	1-Aug-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	19-Jun-23
Taiwan	Granted	3-Jan-03	92100097	I286560	11-Sep-07	Stability Improvement of Aluminum Hydroxide in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	2-Jan-23
Taiwan	Granted	9-Jan-03	92100408	I310392	1-Jun-09	Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Chemtura Corporation	Heat Stabilizers-PVC	8-Jan-23
Taiwan	Pending	21-Nov-05	94140868			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Chemtura Corporation	Heat Stabilizers-PVC	
Taiwan	Pending	22-Sep-09	98131959			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
Thailand	Pending	18-Nov-05	106281			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Chemtura Corporation	Heat Stabilizers-PVC	
Turkey	Granted	6-Jun-03	3741907.4	1517878	21-Mar-07	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Chemtura Corporation	Heat Stabilizers-PVC	6-Jun-23
United States	Granted	26-Jan-01	09/769429	6410795	25-Jun-02	Process for Base-Promoted Condensation Reactions and Base Reagent Therefor	Crompton Corporation	Heat Stabilizers-PVC	26-Jan-21
United States	Granted	9-Apr-02	10/119443	6756431	29-Jun-04	Heterocyclic Tin Flame Retardants/Smoke Suppressants and Halogen-Containing Polymer Composition Containing Same	Crompton Corporation	Heat Stabilizers-PVC	9-Apr-22
United States	Granted	24-Sep-03	10/669955	6835328	28-Dec-04	Overbased Metal Carbonate/Carboxylate Microemulsions and Halogen-Containing Polymers Containing Same	Crompton Corporation	Heat Stabilizers-PVC	8-Jul-22
United States	Granted	3-Jul-02	10/190130	6872854	29-Mar-05	Complexes of Metal Salts of Organic Acids and B-Diketones and Methods for Producing Same	Crompton Corporation	Heat Stabilizers-PVC	3-Jul-22
United States	Granted	26-Nov-03	10/724374	6984684	10-Jan-06	Stability Improvement of Aluminum Hydroxide in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	4-Jan-22
United States	Granted	9-Aug-05	11/200418	7550525	23-Jun-09	Stability Improvement of Aluminum Hydroxide in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	4-Jan-22
United States	Granted	14-Jan-02	10/043252	6825256	30-Nov-04	Stability Improvement of Carbon Monoxide Ethylene Copolymer in PVC Compound	Crompton Corporation	Heat Stabilizers-PVC	14-Jan-22
United States	Granted	19-Aug-03	10/643800	7282527	16-Oct-07	Stabilization System for Halogen-Containing Polymers	Crompton Corporation	Heat Stabilizers-PVC	19-Aug-23
United States	Granted	30-Nov-04	11/001558	7390846	24-Jun-08	Wood Sizing Agents for PVC Composites	Crompton Corporation	Heat Stabilizers-PVC	30-Nov-24

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
United States	Pending	22-Nov-04	10/995605			CLEAR IMPACT MODIFIER, HEAT RESISTANT POLYVINYL HALIDE COMPOSITIONS	Crompton Corporation	Heat Stabilizers-PVC	
United States	Pending	5-May-05	11/124464			ALKYL-TIN SULFANYL MERCAPTOCARBOXYLATES HAVING TERMINAL THIOL GROUPS	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Granted	27-Aug-96	08/703625	5710196	20-Jan-98	Asphalt Compositions Containing Acrylonitrile-Butadiene-Styrene Copolymer	Crompton Corporation	Surfactants	27-Aug-16
United States	Granted	29-Jul-96	08/681752	5780549	14-Jul-98	Polybutene Polymers Modifiers for PVC	Crompton Corporation	Surfactants	29-Jul-16
United States	Granted	18-Jul-95	08/503886	5741865	21-Apr-98	Fatty Alkyl Diethanolamines to Stabilize the Optical Clarity of Polyols Containing Zinc Fatty Acid Salts	Witco Corporation	Surfactants	18-Jul-15
United States	Granted	12-Jul-96	08/679270	5807802	15-Sep-98	STABLE AQUEOUS DISPERSIONS OF DIBUTYLIN OXIDE	Witco Corporation	Heat Stabilizers-PVC	12-Jul-16
United States	Granted	1-Jun-95	08/457813	5567751	22-Oct-96	ALKYL-TIN PVC STABILIZERS WITH ADDED AROMATIC ETHER ALCOHOL TO PREVENT PRECIPITATION	Witco Corporation	Heat Stabilizers-PVC	1-Jun-15
United States	Granted	20-Jun-95	08/492629	5872166	16-Feb-99	OVERBASED PVC STABILIZER	Witco Corporation	Heat Stabilizers-PVC	20-Jun-15
United States	Pending	5-May-06	11/418633			Compatibilizers for Composites of PVC and Cellulosic Materials	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Granted	8-Jun-06	11/450676	7629412	8-Dec-09	Rigid PVC Blend Composition	Chemtura Corporation	Heat Stabilizers-PVC	8-Jun-26
United States	Granted	20-Jun-06	11/473262	7514485	7-Apr-09	Compatibilizers for Composites of PVC and Cellulosic Materials	Chemtura Corporation	Heat Stabilizers-PVC	20-Jun-26
United States	Pending	5-Dec-06	11/634474			Alkyltin Sulfanyl Diester Thiols	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	5-Dec-06	11/634745			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	5-Dec-06	11/634745			Peroxide Reduction in Functionalized Vegetable Oils	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	24-Sep-08	12/284806			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	24-Sep-08	12/284806			Blended Phosphite or Phosphonite Compositions Having Improved Hydrolytic Stability	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	5-Dec-01	10/450591			Stabilizer System for Stabilizing Polymers that Contain Halogen	Crompton Corporation	Heat Stabilizers-PVC	
United States	Granted	3-Apr-06	11/395272	7393887	1-Jul-08	Stabilizer System for Stabilizing Polymers that Contain Halogen	Crompton Corporation	Heat Stabilizers-PVC	25-Sep-23
United States	Pending	3-Mar-09	12/397137			Novel Stabilizer for Halogenous Polymers	Chemtura Corporation	Heat Stabilizers-PVC	
United States	Granted	10-Aug-00	09/635615	6303808	16-Oct-01	DIRECT SYNTHESIS OF TIN II AND CARBOXYLATES AND TIN IV CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES	Crompton Corporation	Heat Stabilizers-PVC	10-Aug-20
United States	Expired	10-Dec-90	627542	5057622	15-Oct-91	S-Alkylthiopropionic Acids and	Witco	Heat	16-Aug-09

Country	Status	Application Date	Application No.	Patent No.	Grant Date	Title	Current Owner	Technology Group	Expiration Date
United States	Granted	1-Oct-91	770991	5198486	30-Mar-93	Serivatives S-Alkylthiopropionic Acids and Serivatives	Corporation	Stabilizers-PVC	30-Mar-10
United States	Expired	2-Nov-89	430563	5015777	14-May-91	Process for the Preparation of Aromatic Beta-Diketones	Witco Corporation	Stabilizers-PVC	2-Nov-09
United States	Granted	18-May-90	525443	5034443	23-Jul-91	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Witco Corporation	Stabilizers-PVC	18-May-10
United States	Granted	27-Jun-91	722350	5225108	6-Jul-93	POLYMER STABILIZER AND POLYMER COMPOSITION STABILIZED THEREWITH	Witco Corporation	Stabilizers-PVC	6-Jul-10
United States	Granted	22-May-90	526833	5102933	7-Apr-92	POLYVINYLCHLORIDE COMPOSITION AND STABILIZERS THEREFOR	Witco Corporation	Stabilizers-PVC	22-May-10
United States	Granted	20-June-95	492627	5656202	12-Aug-97	Method for Making Overbased PVC Stabilizer	Witco Corporation	Heat Stabilizers-PVC	Abandoned
United States	Granted	29-Dec-92	999454	5286788	15-Feb-94	Thioester Polymerization Modifiers	Witco Corporation	Heat Stabilizers-PVC	15-Feb-2011
United States	Granted	1-Dec-95	566064	5874643	23-Feb-99	Hypophosphorous Acid to Stabilize Fatty Alcohols	Witco Corporation	Heat Stabilizers-PVC	1-Dec-2015
United States	Pending	6-Apr-2010	12/798578			Clear Impact Modifier, Heat Resistant Polyvinyl Halide Compositions	Crompton Corporation	Heat Stabilizers-PVC	
United States	Pending	6-Jun-1997	08/870968	5888427	30-Mar-1999		Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	1-Sept-2009	61/238940 (2009P026-US-PRO)				Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	1-Sept-2009	61/238940 (2010P003.US)				Chemtura Corporation	Heat Stabilizers-PVC	
United States	Pending	26-Apr-2010	61/328104			Bio-Based Plasticizer	Chemtura Corporation	Heat Stabilizers-PVC	