

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ineos Silicas Limited	07/02/2008
RECEIVING PARTY DATA	
Name:	PQ Silicas UK Limited
Street Address:	4 Liverpool Road
Internal Address:	Bank Quay
City:	Warrington Cheshire
State/Country:	UNITED KINGDOM
Postal Code:	WA5 1AQ
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12158234
CORRESPONDENCE DATA	
Fax Number:	(412)562-1041
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	412-562-1637
Email:	vicki.cremonese@bipc.com
Correspondent Name:	Michael L. Dever
Address Line 1:	301 Grant Street
Address Line 2:	20th Floor
Address Line 4:	Pittsburgh, PENNSYLVANIA 15219
ATTORNEY DOCKET NUMBER:	0068905-000261
NAME OF SUBMITTER:	Michael L. Dever
Total Attachments: 28 source=0068905-000266 ineos to pq silicas assignment#page1.tif source=0068905-000266 ineos to pq silicas assignment#page2.tif	

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ASSIGNMENT OF FOREIGN PATENTS

This ASSIGNMENT OF FOREIGN PATENTS ("Assignment") executed by INEOS Silicas Limited as of March 7, 2008 and by PQ Silicas UK Limited as of June 26, 2008, and effective as of July 2, 2008 is made by INEOS Silicas Limited, a company organized under the Laws of England and Wales having a principal place of business at Bank Quay, Warrington, Cheshire, WA5 1AB, England ("Assignor"), to PQ Silicas UK Limited, a company organized under the Laws of England and Wales having a principal place of business at Borough Flint Glass Works, Pontefract Road, Barnsley, South Yorkshire, S71 1HJ, England ("Assignee").

WHEREAS, Assignor, Assignee, CPQ Holding Corporation, a Delaware corporation, INEOS Group Ltd., a company organized under the Laws of England and Wales, INEOS Holdings (Fluor & Silicas) Ltd., a company organized under the Laws of England and Wales, INEOS Silicas Holdings Ltd., a company organized under the Laws of England and Wales, INEOS Silicas Netherlands BV, a company organized under the Laws of The Netherlands, and INEOS Americas LLC, an Alabama limited liability company, are parties to the Purchase Agreement, dated as of October 11, 2007 ("Agreement"), providing for the execution and delivery of this Assignment by Assignor to Assignee (capitalized terms used herein without definition shall have the meanings set forth in the Agreement);

WHEREAS, Assignor is the owner, joint owner or beneficial owner of certain patents (including all registrations and applications relating to the protection of inventions such as inventors certificates, utility models, petty patents and similar agreements) granted by the patent offices of certain countries as set forth on Schedule I and of certain patent applications, including international applications, filed in the relevant filing offices of certain countries as set forth on Schedule I together with any patent disclosures and inventions (whether or not reduced to practice) (collectively, the "Assigned Patents"); and

WHEREAS, Assignee desires to purchase all Assignor's right, title and interest in and to the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee agree as follows:

Assignor does hereby sell, assign, and transfer to Assignee with effect from the date of this Assignment (i) all right, title and interest of Assignor in and to the Assigned Patents, including without limitation the right to make, to use, to sell and to offer for sale the inventions of the Assigned Patents throughout the jurisdictions identified on Schedule I with respect to the relevant Assigned Patent, and any divisions, continuations, continuations-in-part, and renewals thereof and foreign counterparts thereof, free and clear of all Liens, other than Permitted Liens; (ii) all rights to apply for registration in foreign countries with full benefit of such priority as may now or hereafter be granted to it by law, treaty or other international convention; (iii) all rights and obligations of Assignor under licenses in or under the Assigned Patents; and (iv) all rights, interests, claims and demands recoverable in law or equity that Assignor has or may have in

profits and damages for past, present and future infringements of the Assigned Patents, including without limitation the right to compromise, sue for and collect such profits and damages; all of the foregoing to be held and enjoyed by Assignee, its successors and assigns or their legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Following the Closing, Assignor shall, and shall cause its Affiliates and its Affiliates' representatives to, at the expense of Assignee, execute and deliver such additional instruments, documents, conveyances or assurances and take such other actions as shall be necessary, or otherwise reasonably be requested by Assignee, to confirm and assure the rights and obligations provided for in this Assignment and the Agreement and render effective the consummation of the transactions contemplated hereby and thereby, or otherwise to carry out the intent and purposes of this Assignment and the Agreement.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States, in respect to patent issues and in all other respects, including as to validity (except for patent issues), interpretation and effect by the laws of the State of New York, without giving effect to the conflict of laws rules thereof.

This Assignment is not intended to confer upon any person other than the parties hereto any rights or remedies.

This Assignment may be executed in any number of counterparts (including via facsimile or electronic copy), each of which shall be deemed an original, and all of which together shall constitute one and the same instrument.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed as of the date first written above.

INEOS SILICAS LIMITED

By: 
Name: MARTIN STOKES
Title: AUTHORISED SIGNATORY

Agreed and Acknowledged:

PQ SILICAS UK LIMITED

By: _____
Name:
Title:

Assignment of Foreign Trademarks - Signature Page

[3030467]

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed as of the date first written above.

INEOS SILICAS LIMITED

By: _____
Name:
Title:

Agreed and Acknowledged:

PQ SILICAS UK LIMITED

By: WJ Suchko, Jr.
Name: William J. Suchko, Jr.
Title: Director

Assignment of Foreign Patents - Signature Page

[3030476]

PATENT
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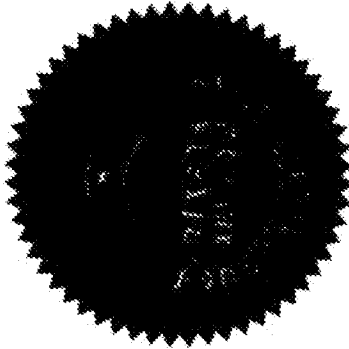
ACKNOWLEDGMENT

ENGLAND, UK
STATE OF ~~NEW YORK~~)

:SS:
COUNTY OF HAMPSHIRE)

On 7 MARCH, 2008 before me, the undersigned, personally appeared
MARTIN HOWARD STOKES
personally known to me or proved to me on the basis of satisfactory evidence to be the
individual(s) whose name(s) is (are) subscribed to the within instrument and
acknowledged to me that he/she/they executed the same in his/her/their capacity(ies); and
that by his/her/their signature(s) on the instrument, the individual(s), or the person upon
behalf of which the individual(s) acted, executed the instrument.


(signature and office of individual taking
acknowledgment) NOTARY PUBLIC



NIGEL MAURICE PUGH
Notary Public
Oceana House
39-49 Commercial Road
Southampton SO15 1GA
England
United Kingdom
nigel.pugh@bondpears.com

Commission number 97100
Commission expires on death

ACKNOWLEDGMENT

STATE OF Kansas)
)
) :SS:
COUNTY OF Johnson)

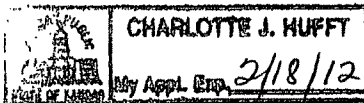
On June 26, 2008 before me, the undersigned, personally appeared

William J. Sierko

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Charlotte J. Hufft

(signature and office of individual taking acknowledgment)



PATENTS AND PATENT APPLICATIONSGranted Patents

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Argentina	MAP/High Gel Concentration	324700	07 Apr 1993	248576	15 Apr 1996	Live - Granted/Registered
Australia	MAP/High Gel Concentration	36783/93	07 Apr 1993	664882	08 Jan 1998	Live - Granted/Registered
Australia	Zeolite MAP	43966/89	01 Nov 1989	631143	12 Mar 1993	Live - Granted/Registered
Australia	Amorphous silicas and compositions	61262/96	10 Jun 1996	718059	20 Jul 2000	Live - Granted/Registered
Australia	A24 from metakaolin	67014/96	17 Jul 1996	714175	06 Apr 2000	Live - Granted/Registered
Australia	UV Silicas	67363/96	20 Jul 1996	720734	21 Sep 2000	Live - Granted/Registered
Australia	Exfoliating Silica	15420/97	15 Jan 1997	718002	20 Jul 2000	Live - Granted/Registered
Australia	A48 Map Silicate	20260/97	07 Mar 1997	725258	25 Jan 2001	Live - Granted/Registered
Australia	Stabilising Beverages - Wisp	200221732.3	07 Jan 2002	200221732.3	19 May 2006	Live - Granted/Registered
Austria	MAP/High Gel Concentration	93302737.7	07 Apr 1993	E173284	11 Nov 1998	Live - Granted/Registered
Austria	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	E194998	26 Jul 2000	Live - Granted/Registered
Austria	A24 - Small Particle Size	96912024.5	17 Apr 1996	E205808	19 Sep 2001	Live - Granted/Registered
Austria	A24 from metakaolin	96927045.3	17 Jul 1996	E205458	12 Sep 2001	Live - Granted/Registered
Austria	Zeolite MAP	89311284.7	01 Nov 1989	E127514	06 Sep 1995	Live - Granted/Registered
Austria	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	E298422	22 Jun 2005	Live - Granted/Registered
Belgium	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
Belgium	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Belgium	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	585038	26 Jul 2000	Live - Granted/Registered
Belgium	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Belgium	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	742780	08 Apr 1998	Live - Granted/Registered
Belgium	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Belgium	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered
Belgium	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
Belgium	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
Belgium	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
Belgium	EP350 Low Pore Volume	97302569.5	15 Apr 1997	805164	18 Sep 2002	Live - Granted/Registered
Belgium	A24 Silicate Slurry	98919316.4	27 Apr 1998	991607	10 Oct 2001	Live - Granted/Registered
Belgium	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
Belgium	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Belgium	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Belgium	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Registered
Brazil	Toothpaste silica	PI9203795.0	29 Sep 1992	PI9203795.0	27 Jul 1999	Live - Granted/Registered
Brazil	MAP/High Gel Concentration	PI9301471-6	07 Apr 1993	PI9301471.6	11 Jan 2000	Live - Granted/Registered
Brazil	Modified silicate with calcium sequestrant	9303474-1	25 Aug 1993	PI9303474-1	06 Mar 2001	Live - Granted/Registered
Brazil	Lion Silica	PI9700718-8	17 Jan 1997	PI9700718-8	25 Sep 2007	Live - Granted/Registered
Brazil	Zeolite MAP	PI8905601.9	01 Nov 1989	PI8905601.9	27 Jul 1999	Live - Granted/Registered
Brazil	Toothpaste Silica	9307330-5	26 Oct 1993	PI9307330-5	13 Jun 2000	Live - Granted/Registered
Brazil	A24-Unseeded route	9406645-0	28 Apr 1994	PI9406645.0	23 Dec 2003	Live - Granted/Registered
Brazil	A24 - Batch auto seeded process	9506701-9	11 Jan 1995	PI-9506701-9	15 May 2001	Live - Granted/Registered
Brazil	A24 - Continuous Seeded Process	PI-9509613-2	24 Oct 1995	PI-9509613-2	28 May 2002	Live - Granted/Registered
Brazil	A24 - Small Particle Size	PI9608167.8	17 Apr 1996	PI9608167-8	05 Aug 2003	Live - Granted/Registered
Brazil	Amorphous silicas and compositions	PI9609526.1	10 Jun 1996	PI9609526.1	25 Sep 2007	Live - Granted/Registered
Brazil	A24 from metakaolin	PI9609890.2	17 Jul 1996	PI9609890.2	14 Oct 2003	Live - Granted/Registered
Brazil	UV Silicas	PI9610011-7	20 Jul 1996	PI9610011-7	14 Oct 2003	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Brazil	Exfoliating Silica	PI9707494-2	15 Jan 1997	PI9707494-2	21 Jun 2005	Live - Granted/Registered
Brazil	A24 Silicate Slurry	PI9809383.5	27 Apr 1998	PI9809383.5	05 Dec 2006	Live - Granted/Registered
Canada	Process for refining glyceride oil with silica	614591	29 Sep 1989	1333617	20 Dec 1994	Live - Granted/Registered
Canada	Process for refining glyceride oil using silica hydrogel	2012544	19 Mar 1990	2012544	26 Dec 2000	Live - Granted/Registered
Canada	MAP/High Gel Concentration	2093303	02 Apr 1993	2093303	24 Nov 1998	Live - Granted/Registered
Canada	Zeolite MAP	2001927	31 Oct 1989	2001927	21 Dec 1999	Live - Granted/Registered
Canada	A24 - Small Particle Size	2216161	17 Apr 1996	2216161	16 Jan 2007	Live - Granted/Registered
Canada	A24 from metakaolin	2227440	17 Jul 1996	2227440	11 Sep 2007	Live - Granted/Registered
Canada	UV Silicas	2229262	20 Jul 1996	2229262	18 Sep 2007	Live - Granted/Registered
China	Toothpaste silica	92111342	30 Sep 1992	35104	07 Sep 1996	Live - Granted/Registered
China	Toothpaste silica	95120328.2	30 Sep 1992	67196	13 Jan 2001	Live - Granted/Registered
China	MAP/High Gel Concentration	93104027.2	08 Apr 1993	34962	24 Aug 1996	Live - Granted/Registered
China	Use of Aluminosilicates of Zeolite P Type As low temp calcium binders	93109414.3	31 Jul 1993	58962	14 Jul 2000	Live - Granted/Registered
China	Toothpaste Silica	93120734.7	28 Oct 1993	41890	27 Jun 1998	Live - Granted/Registered
China	Toothpaste Silica	98105616.4	28 Oct 1993	ZL98105616.4	09 Jan 2002	Live - Granted/Registered
China	Lion Silica	97102989.X	18 Jan 1997	ZL97102989.X	16 Aug 2006	Live - Granted/Registered
China	A24-Unseeded route	94192510.2	28 Apr 1994	45373	27 Feb 1999	Live - Granted/Registered
China	A24 - Continuous Seeded Process	95197104.2	24 Oct 1995	ZL95197104.2	29 May 2002	Live - Granted/Registered
China	A24 - Small Particle Size	96193640.1	17 Apr 1996	ZL96193640.1	16 Oct 2002	Live - Granted/Registered
China	Amorphous silicas and compositions	96195114.1	10 Jun 1996	ZL96195114.1	14 May 2003	Live - Granted/Registered
China	A24 from metakaolin	96197154.1	17 Jul 1996	ZL96197154.1	23 Apr 2003	Live - Granted/Registered
China	Exfoliating Silica	97192193.8	15 Jan 1997	ZL97192193.8	01 Mar 2006	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
China	A48 Map Silicate	97193060	07 Mar 1997	ZL9719306 0.0	11 Feb 2004	Live - Granted/Registered
China	PEG-Coated Silicas for Toothpaste	99809353. X	01 Jun 1999	ZL9980935 3.X	09 Jun 2004	Live - Granted/Registered
China	Iron Salt Based Humidity Indicators	806501.2	12 Apr 2000	ZL0080650 1.2	11 Jan 2006	Live - Granted/Registered
China	Zeolite Compositions and their use	1810573.4	23 May 2001	ZL0181057 3.4	08 Aug 2007	Live - Granted/Registered
China	Stabilising Beverages - Wisp	2803926.2	07 Jan 2002	ZL0280392 6.2	15 Feb 2006	Live - Granted/Registered
China	Silica - Based Indicating Desiccants (Chameleon 2)	2803847.9	04 Jan 2002	ZL0280384 7.9	18 Jul 2007	Live - Granted/Registered
China	Silica Matting Agent (Hydrophilic Wax)	2822370.5	17 Oct 2002	ZL0282237 0.5	10 May 2006	Live - Granted/Registered
China	Powder Coating Compositions	03821864. X	20 Aug 2003	ZL0382186 4.X	15 Aug 2007	Live - Granted/Registered
Colombia	Toothpaste Silica	416556	03 Nov 1993	25603	18 Aug 1998	Live - Granted/Registered
Czech Republic	MAP/High Gel Concentration	PV619/93	09 Apr 1993	280421	22 Nov 1995	Live - Granted/Registered
Czech Republic	A24-Unseeded route	PV2901/95	28 Apr 1994	290481	19 Sep 2002	Live - Granted/Registered
Czech Republic	Exfoliating Silica	PV98/2543	15 Jan 1997	293230	13 Jan 2004	Live - Granted/Registered
Czech Republic	A48 Map Silicate	PV98-2938	07 Mar 1997	294911	09 Feb 2005	Live - Granted/Registered
Denmark	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Denmark	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Denmark	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
European (EPO)	Amorphous Silicas and Compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Opposed
European (EPO)	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Opposed
Finland	MAP/High Gel Concentration	931572	07 Apr 1993	111358	15 Jul 2003	Live - Granted/Registered
Finland	A24-Unseeded route	955301	28 Apr 1994	112354	28 Nov 2003	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Finland	Amorphous silicas and compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Registered
Finland	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
Finland	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Finland	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Finland	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Registered
Finland	Antimony Silicate Sorbent for Removal of Metal Ions	99920951.3	13 May 1999	1080473	09 Apr 2003	Live - Granted/Registered
France	Transparent precipitated silica abrasive	88308426.1	13 Sep 1988	308165	17 Jun 1992	Live - Granted/Registered
France	Toothpaste Silica TPA 8	91913688.7	05 Aug 1991	495039	15 Oct 1997	Live - Granted/Registered
France	Single Stage Silicate Granulation	92305843.2	25 Jun 1992	526978	31 Jan 1996	Live - Granted/Registered
France	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
France	Silica/ternary wax matting agent	92310114.1	04 Nov 1992	541359	19 Jul 1995	Live - Granted/Registered
France	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
France	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	585038	26 Jul 2000	Live - Granted/Registered
France	Toothpaste Silica	93924077.6	26 Oct 1993	666832	04 Sep 1996	Live - Granted/Registered
France	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
France	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	742780	08 Apr 1998	Live - Granted/Registered
France	Method for preparing cogranules by compaction	95926948.1	14 Jul 1995	772671	27 Aug 2003	Live - Granted/Registered
France	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered
France	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
France	Amorphous silicas and compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Registered
France	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
France	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
France	Lion Silica	96309089.9	10 Jan 1997	785169	07 Aug 2002	Live - Granted/Registered
France	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
France	A24 Silicate Slurry	98919316.4	27 Apr 1998	991607	10 Oct 2001	Live - Granted/Registered
France	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
France	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
France	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
France	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Registered
France	Antimony Silicate Sorbent for Removal of Metal Ions	99920951.3	13 May 1999	1080473	09 Apr 2003	Live - Granted/Registered
Germany	Transparent precipitated silica abrasive	88308426.1	13 Sep 1988	3872125	17 Jun 1992	Live - Granted/Registered
Germany	Toothpaste Silica TPA 8	91913688.7	05 Aug 1991	P69127964.0	15 Oct 1997	Live - Granted/Registered
Germany	Toothpaste silica	92308931.2	30 Sep 1992	69208995	13 Mar 1996	Live - Granted/Registered
Germany	Silica/ternary wax matting agent	92310114.1	04 Nov 1992	69203570	19 Jul 1995	Live - Granted/Registered
Germany	MAP/High Gel Concentration	93302737.7	07 Apr 1993	69321987.4	11 Nov 1998	Live - Granted/Registered
Germany	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	693 29 089.7	26 Jul 2000	Live - Granted/Registered
Germany	Toothpaste Silica	93924077.6	26 Oct 1993	69304546	04 Sep 1996	Live - Granted/Registered
Germany	A24-Unseeded route	94916938.7	28 Apr 1994	69415004.5	02 Dec 1998	Live - Granted/Registered
Germany	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	69502012.9	08 Apr 1998	Live - Granted/Registered
Germany	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	69506440.1	02 Dec 1998	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Germany	A24 - Small Particle Size	96912024.5	17 Apr 1996	69615358	19 Sep 2001	Live - Granted/Registered
Germany	Amorphous silicas and compositions	96918686.5	10 Jun 1996	69612977.9	23 May 2001	Live - Granted/Registered
Germany	A24 from metakaolin	96927045.3	17 Jul 1996	69615202.9	12 Sep 2001	Live - Granted/Registered
Germany	Exfoliating Silica	97901541.9	15 Jan 1997	69716952.9	06 Nov 2002	Live - Granted/Registered
Germany	Lion Silica	96309089.9	10 Jan 1997	69714485.2	07 Aug 2002	Live - Granted/Registered
Germany	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
Germany	EP350 Low Pore Volume	97302569.5	15 Apr 1997	69715505.6	18 Sep 2002	Live - Granted/Registered
Germany	A24 Silicate Slurry	98919316.4	27 Apr 1998	69801995.4	10 Oct 2001	Live - Granted/Registered
Germany	Zeolite MAP	89311284.7	01 Nov 1989	68924152	06 Sep 1995	Live - Granted/Registered
Germany	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	60020966	22 Jun 2005	Live - Granted/Registered
Germany	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Germany	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	60203642.9	06 Apr 2005	Live - Granted/Registered
Germany	Antimony Silicate Sorbent for Removal of Metal Ions	99920951.3	13 May 1999	69906724.3	09 Apr 2003	Live - Granted/Registered
Greece	MAP/High Gel Concentration	93302737.7	07 Apr 1993	990400261	11 Nov 1998	Live - Granted/Registered
Greece	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	20000402124	26 Jul 2000	Live - Granted/Registered
Greece	A24 from metakaolin	96927045.3	17 Jul 1996	20010400399	12 Sep 2001	Live - Granted/Registered
Greece	Zeolite MAP	89311284.7	01 Nov 1989	950402818	06 Sep 1995	Live - Granted/Registered
Hungary	MAP/High Gel Concentration	9301047	09 Apr 1993	211428	11 Sep 1995	Live - Granted/Registered
Hungary	A24-Unseeded route	9503172	28 Apr 1994	214363	26 Jan 1998	Live - Granted/Registered
Hungary	A48 Map Silicate	P9902096	07 Mar 1997	223053	05 Dec 2003	Live - Granted/Registered
India	Zeolite Compositions and their use	2002/01653 /MUM	23 May 2001	206234	19 Apr 2007	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Indonesia	Toothpaste silica	4779	01 Oct 1992	1072	05 Nov 1996	Live - Granted/Registered
Indonesia	MAP/High Gel Concentration	5831	08 Apr 1993	1147	26 Nov 1996	Live - Granted/Registered
Indonesia	Toothpaste Silica	6902	28 Oct 1993	ID 0001465	07 Apr 1997	Live - Granted/Registered
Indonesia	A24-Unseeded route	940704	06 May 1994	3778	30 Apr 1999	Live - Granted/Registered
Indonesia	A24 - Small Particle Size	961041	22 Apr 1996	ID 0012425	24 Dec 2003	Live - Granted/Registered
Indonesia	PEG-Coated Silicas for Toothpaste	W-20002668	01 Jun 1999	ID0010646	06 May 2003	Live - Granted/Registered
Ireland	Toothpaste silica	92308931.2	30 Sep 1992	E67568	13 Mar 1996	Live - Granted/Registered
Ireland	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Ireland	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Ireland	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
Ireland	Lion Silica	96309089.9	10 Jan 1997	785169	07 Aug 2002	Live - Granted/Registered
Ireland	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Ireland	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Italy	Transparent precipitated silica abrasive	88308426.1	13 Sep 1988	308165	17 Jun 1992	Live - Granted/Registered
Italy	Toothpaste Silica TPA 8	91913688.7	05 Aug 1991	495039	15 Oct 1997	Live - Granted/Registered
Italy	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
Italy	Silica/ternary wax matting agent	92310114.1	04 Nov 1992	541359	19 Jul 1995	Live - Granted/Registered
Italy	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Italy	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	585038	26 Jul 2000	Live - Granted/Registered
Italy	Toothpaste Silica	93924077.6	26 Oct 1993	666832	04 Sep 1996	Live - Granted/Registered
Italy	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Italy	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	742780	08 Apr 1998	Live - Granted/Registered
Italy	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Italy	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered
Italy	Amorphous silicas and compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Registered
Italy	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
Italy	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
Italy	Lion Silica	96309089.9	10 Jan 1997	785169	07 Aug 2002	Live - Granted/Registered
Italy	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
Italy	A24 Silicate Slurry	98919316.4	27 Apr 1998	991607	10 Oct 2001	Live - Granted/Registered
Italy	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
Italy	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Italy	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Italy	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Registered
Japan	Transparent precipitated silica abrasive	231431/88	14 Sep 1988	1797728	28 Oct 1993	Live - Granted/Registered
Japan	Toothpaste silica	289432/92	02 Oct 1992	2127529	24 Feb 1997	Live - Granted/Registered
Japan	MAP/High Gel Concentration	106104/93	08 Apr 1993	2523433	31 May 1996	Live - Granted/Registered
Japan	Zeolite MAP	287299/89	02 Nov 1989	2759096	20 Mar 1998	Live - Granted/Registered
Japan	Toothpaste Silica	510701/94	26 Oct 1993	2971946	27 Aug 1999	Live - Granted/Registered
Japan	A24-Unseeded route	524908/94	28 Apr 1994	2753521	06 Mar 1998	Live - Granted/Registered
Japan	A24 - Small Particle Size	532965/96	17 Apr 1996	3594615	10 Sep 2004	Live - Granted/Registered
Japan	A24 from metakaolin	508062/97	17 Jul 1996	4016118	28 Sep 2007	Live - Granted/Registered
Japan	UV Silicas	509748/97	20 Jul 1996	3887675	08 Dec 2006	Live - Granted/Registered
Korea, Republic of	Toothpaste silica	92/17837	30 Sep 1992	108731	05 Dec 1996	Live - Granted/Registered
Korea, Republic of	MAP/High Gel Concentration	93/5772	07 Apr 1993	115383	19 May 1997	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Korea, Republic of	Use of Aluminosilicates of Zeolite P Type As low temp calcium binders	95/700362	12 Jul 1993	264226	26 May 2000	Live - Granted/Registered
Korea, Republic of	Toothpaste Silica	95/701623	26 Oct 1993	169542	12 Oct 1998	Live - Granted/Registered
Korea, Republic of	A24-Unseeded route	95/704900	28 Apr 1994	169543	12 Oct 1998	Live - Granted/Registered
Korea, Republic of	A24 - Continuous Seeded Process	97/702996	24 Oct 1995	391869	04 Jul 2003	Live - Granted/Registered
Korea, Republic of	A24 - Small Particle Size	707744/97	17 Apr 1996	10-421598	24 Feb 2004	Live - Granted/Registered
Korea, Republic of	Amorphous silicas and compositions	709859/1997	10 Jun 1996	449132	07 Sep 2004	Live - Granted/Registered
Korea, Republic of	A24 from metakaolin	700794/1998	17 Jul 1996	10-0474022	21 Feb 2005	Live - Granted/Registered
Korea, Republic of	UV Silicas	701509/1998	20 Jul 1996	432458	11 May 2004	Live - Granted/Registered
Korea, Republic of	Exfoliating Silica	706214/98	15 Jan 1997	10-421597	24 Feb 2004	Live - Granted/Registered
Korea, Republic of	A48 Map Silicate	1998-707274	07 Mar 1997	464891	24 Dec 2004	Live - Granted/Registered
Korea, Republic of	Iron Salt Based Humidity Indicators	10-2001-7013413	12 Apr 2000	636042	12 Oct 2006	Live - Granted/Registered
Korea, Republic of	Antimony Silicate Sorbent for Removal of Metal Ions	2000-7012748	13 May 1999	641533	25 Oct 2006	Live - Granted/Registered
Liechtenstein	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Luxembourg	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Malaysia	Toothpaste Silica	9302248	27 Oct 1993	109255	31 Dec 1996	Live - Granted/Registered
Malaysia	Stabilising Beverages - Wisp	PI20020183	18 Jan 2002	MY128600-A	28 Feb 2007	Live - Granted/Registered
Malaysia	Silica Matting Agent (Hydrophilic Wax)	PI20024204	11 Nov 2002	MY-127351-A	30 Nov 2006	Live - Granted/Registered
Mexico	Toothpaste Silica	936711	28 Oct 1993	185592	12 Aug 1997	Live - Granted/Registered
Mexico	Lion Silica	970482	17 Jan 1997	214438	27 May 2003	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Mexico	Amorphous silicas and compositions	980022	10 Jun 1996	209179	24 Jul 2002	Live - Granted/Registered
Mexico	Exfoliating Silica	986477	15 Jan 1997	202597	22 Jun 2001	Live - Granted/Registered
Mexico	Stabilising Beverages - Wisp	PA/A/2003/006273	07 Jan 2002	245452	27 Apr 2007	Live - Granted/Registered
Netherlands	Transparent precipitated silica abrasive	88308426.1	13 Sep 1988	308165	17 Jun 1992	Live - Granted/Registered
Netherlands	Single Stage Silicate Granulation	92305843.2	25 Jun 1992	526978	31 Jan 1996	Live - Granted/Registered
Netherlands	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
Netherlands	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Netherlands	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	585038	26 Jul 2000	Live - Granted/Registered
Netherlands	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Netherlands	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	742780	08 Apr 1998	Live - Granted/Registered
Netherlands	Method for preparing cogranules by compaction	95926948.1	14 Jul 1995	772671	27 Aug 2003	Live - Granted/Registered
Netherlands	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered
Netherlands	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered
Netherlands	Amorphous silicas and compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Registered
Netherlands	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
Netherlands	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
Netherlands	Lion Silica	96309089.9	10 Jan 1997	785169	07 Aug 2002	Live - Granted/Registered
Netherlands	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
Netherlands	A24 Silicate Slurry	98919316.4	27 Apr 1998	991607	10 Oct 2001	Live - Granted/Registered
Netherlands	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
Netherlands	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Netherlands	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
New Zealand	Toothpaste silica	244492	25 Sep 1992	244492	13 Apr 1995	Live - Granted/Registered
Philippines	Toothpaste Silica	47152	27 Oct 1993	31053	03 Feb 1998	Live - Granted/Registered
Poland	MAP/High Gel Concentration	298425	07 Apr 1993	172208	16 Jan 1997	Live - Granted/Registered
Poland	Toothpaste Silica	P308645	26 Oct 1993	172190	21 Jan 1997	Live - Granted/Registered
Poland	Amorphous silicas and compositions	P324311	10 Jun 1996	PAT-184365	10 Jun 2005	Live - Granted/Registered
Portugal	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
Portugal	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Portugal	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Portugal	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
Portugal	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Russian Federation	Amorphous silicas and compositions	98101722	10 Jun 1996	2171781	10 Aug 2001	Live - Granted/Registered
Russian Federation	Exfoliating Silica	98117130	15 Jan 1997	2177971	10 Jan 2002	Live - Granted/Registered
Russian Federation	Stabilising Beverages - Wisp	2003125877	07 Jan 2002	2281325	10 Aug 2006	Live - Granted/Registered
Russian Federation	Amorphous Silicas (High Cleaning Dental)	20004122476	29 Nov 2002	2295948	22 Mar 2007	Live - Granted/Registered
Russian Federation	Antimony Silicate Sorbent for Removal of Metal Ions	2000131208	13 May 1999	2219996	27 Dec 2003	Live - Granted/Registered
Slovakia	MAP/High Gel Concentration	PV325/93	08 Apr 1993	279012	26 Jan 1998	Live - Granted/Registered
South Africa	Process for refining glyceride oil using silica hydrogel	90/2177	21 Mar 1990	90/2177	27 Nov 1991	Live - Granted/Registered
South Africa	Transparent precipitated silica abrasive	88/6845	14 Sep 1988	88/6845	30 May 1990	Live - Granted/Registered
South Africa	Toothpaste silica	92/7593	02 Oct 1992	92/7593	29 Jun 1994	Live - Granted/Registered
South Africa	MAP/High Gel Concentration	93/2543	08 Apr 1993	93/2543	28 Dec 1994	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
South Africa	Modified silicate with calcium sequestrant	93/5690	05 Aug 1993	93/5690	26 Apr 1995	Live - Granted/Registered
South Africa	Toothpaste Silica	93/8055	28 Oct 1993	93/8055	28 Jun 1995	Live - Granted/Registered
South Africa	A24-Unseeded route	94/3033	03 May 1994	94/3033	31 Jan 1996	Live - Granted/Registered
South Africa	A24 - Small Particle Size	96/3088	18 Apr 1996	96/3088	31 Dec 1997	Live - Granted/Registered
South Africa	Amorphous silicas and compositions	96/5373	25 Jun 1996	96/5373	25 Feb 1998	Live - Granted/Registered
South Africa	Lion Silica	97/0357	16 Jan 1997	97/0357	30 Sep 1998	Live - Granted/Registered
South Africa	A24 Silicate Slurry	98/3694	30 Apr 1998	98/3694	26 Jan 2000	Live - Granted/Registered
South Africa	Zeolite MAP	89/8383	03 Nov 1989	89/8383	31 Jul 1991	Live - Granted/Registered
South Africa	Method of Agglomerating particulate material	96/10132	03 Dec 1996	96/10132	26 Aug 1998	Live - Granted/Registered
South Africa	Stabilising Beverages - Wisp	2003/4911	07 Jan 2002	2003/4911	24 Nov 2004	Live - Granted/Registered
South Africa	SILICATE BINDERS	2003/5964	31 Jan 2002	2003/5964	29 Sep 2004	Live - Granted/Registered
South Africa	Powder Coating Compositions	2005/01062	20 Aug 2003	2005/01062	27 Sep 2006	Live - Granted/Registered
South Africa	Stabilised Aluminosilicate Slurries	2005/02877	22 Oct 2003	2005/02877	22 Feb 2006	Live - Granted/Registered
Spain	Transparent precipitated silica abrasive	88308426.1	13 Sep 1988	308165	17 Jun 1992	Live - Granted/Registered
Spain	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
Spain	MAP/High Gel Concentration	93302737.7	07 Apr 1993	2123618	11 Nov 1998	Live - Granted/Registered
Spain	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	2150436	26 Jul 2000	Live - Granted/Registered
Spain	A24-Unseeded route	94916938.7	28 Apr 1994	2124890	02 Dec 1998	Live - Granted/Registered
Spain	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	2115361	08 Apr 1998	Live - Granted/Registered
Spain	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	2125669	02 Dec 1998	Live - Granted/Registered
Spain	A24 - Small Particle Size	96912024.5	17 Apr 1996	2165493	19 Sep 2001	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Spain	Amorphous silicas and compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Registered
Spain	A24 from metakaolin	96927045.3	17 Jul 1996	2163646	12 Sep 2001	Live - Granted/Registered
Spain	Exfoliating Silica	97901541.9	15 Jan 1997	2187750	06 Nov 2002	Live - Granted/Registered
Spain	Lion Silica	96309089.9	10 Jan 1997	2181856	07 Aug 2002	Live - Granted/Registered
Spain	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
Spain	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
Spain	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Spain	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Sweden	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Sweden	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	585038	26 Jul 2000	Live - Granted/Registered
Sweden	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Sweden	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered
Sweden	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered
Sweden	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
Sweden	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
Sweden	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Sweden	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
Sweden	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Registered
Switzerland	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
Switzerland	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered
Switzerland	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
Switzerland	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
Switzerland	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered
Switzerland	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
Switzerland	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
Switzerland	Lion Silica	96309089.9	10 Jan 1997	785169	07 Aug 2002	Live - Granted/Registered
Switzerland	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
Switzerland	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
Switzerland	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
Taiwan	MAP/High Gel Concentration	82104058	22 May 1993	74990	25 Mar 1996	Live - Granted/Registered
Taiwan	A24-Unseeded route	83105851	28 Jun 1994	NI-083499	06 May 1997	Live - Granted/Registered
Taiwan	A24 - Small Particle Size	85104836	23 Apr 1996	NI-129066	17 Jul 2001	Live - Granted/Registered
Taiwan	Amorphous silicas and compositions	85107375	18 Jun 1996	NI-142790	18 Feb 2002	Live - Granted/Registered
Taiwan	Powder Coating Compositions	92124226	02 Sep 2003	1279425	21 Apr 2007	Live - Granted/Registered
Thailand	Toothpaste silica	16953/92	25 Sep 1992	9295	17 Dec 1999	Live - Granted/Registered
Turkey	MAP/High Gel Concentration	93/0307	07 Apr 1993	26679	05 Jul 1994	Live - Granted/Registered
Turkey	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
United Kingdom	Chameleon III	306278.3	19 Mar 2003	2401072	26 Apr 2006	Live - Granted/Registered
United Kingdom	Transparent precipitated silica abrasive	88308426.1	13 Sep 1988	308165	17 Jun 1992	Live - Granted/Registered
United Kingdom	Toothpaste Silica TPA 8	91913688.7	05 Aug 1991	495039	15 Oct 1997	Live - Granted/Registered
United Kingdom	Single Stage Silicate Granulation	92305843.2	25 Jun 1992	526978	31 Jan 1996	Live - Granted/Registered
United Kingdom	Toothpaste silica	92308931.2	30 Sep 1992	535943	13 Mar 1996	Live - Granted/Registered
United Kingdom	Silica/ternary wax matting agent	92310114.1	04 Nov 1992	541359	19 Jul 1995	Live - Granted/Registered
United Kingdom	MAP/High Gel Concentration	93302737.7	07 Apr 1993	565364	11 Nov 1998	Live - Granted/Registered

Country	Title	Appln No	Appln Date	Grant No	Grant Date	Status
United Kingdom	Modified silicate with calcium sequestrant	93306496.6	18 Aug 1993	585038	26 Jul 2000	Live - Granted/Registered
United Kingdom	Toothpaste Silica	93924077.6	26 Oct 1993	666832	04 Sep 1996	Live - Granted/Registered
United Kingdom	A24-Unseeded route	94916938.7	28 Apr 1994	697010	02 Dec 1998	Live - Granted/Registered
United Kingdom	A24 - Batch auto seeded process	95906927.9	11 Jan 1995	742780	08 Apr 1998	Live - Granted/Registered
United Kingdom	A24 - Continuous Seeded Process	95936550.3	24 Oct 1995	790958	02 Dec 1998	Live - Granted/Registered
United Kingdom	A24 - Small Particle Size	96912024.5	17 Apr 1996	823884	19 Sep 2001	Live - Granted/Registered
United Kingdom	Amorphous silicas and compositions	96918686.5	10 Jun 1996	835223	23 May 2001	Live - Granted/Registered
United Kingdom	A24 from metakaolin	96927045.3	17 Jul 1996	842115	12 Sep 2001	Live - Granted/Registered
United Kingdom	Exfoliating Silica	97901541.9	15 Jan 1997	956317	06 Nov 2002	Live - Granted/Registered
United Kingdom	Lion Silica	96309089.9	10 Jan 1997	785169	07 Aug 2002	Live - Granted/Registered
United Kingdom	A48 Map Silicate	97908207	07 Mar 1997	892843	12 Jul 2006	Live - Granted/Registered
United Kingdom	EP350 Low Pore Volume	97302569.5	15 Apr 1997	805164	18 Sep 2002	Live - Granted/Registered
United Kingdom	A24 Silicate Slurry	98919316.4	27 Apr 1998	991607	10 Oct 2001	Live - Granted/Registered
United Kingdom	Zeolite MAP	89311284.7	01 Nov 1989	384070	06 Sep 1995	Live - Granted/Registered
United Kingdom	Iron Salt Based Humidity Indicators	919063.8	12 Apr 2000	1185861	22 Jun 2005	Live - Granted/Registered
United Kingdom	Stabilising Beverages - Wisp	2732125.6	07 Jan 2002	1354027	12 Jul 2006	Live - Granted/Registered
United Kingdom	Silica Matting Agent (Hydrophilic Wax)	2803060.9	17 Oct 2002	1446447	06 Apr 2005	Live - Granted/Registered
United Kingdom	Antimony Silicate Sorbent for Removal of Metal Ions	99920951.3	13 May 1999	1080473	09 Apr 2003	Live - Granted/Registered
Venezuela	Toothpaste Silica	1685/93	03 Nov 1993	55.367	29 May 1996	Live - Granted/Registered
Zimbabwe	Method of Agglomerating particulate material	106/97	11 Dec 1997	106/97	04 Sep 1998	Live - Granted/Registered

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Country	Title	Appln No	Appln Date	Status
Argentina	Stabilising Beverages - Wisp	P020100183	18 Jan 2002	Live - Pending
Australia	Powder Coating Compositions	2003255814	20 Aug 2003	Live - Pending
Australia	Stabilised Aluminosilicate Slurries	2003 276395	22 Oct 2003	Live - Pending
Australia	Stabilised Aluminosilicate Slurries	2005 243854	06 May 2005	Live - Pending
Bosnia-Herzegovina	Stabilised Aluminosilicate Slurries	BAP052182A	22 Oct 2003	Live - Pending
Brazil	Compositions and Methods for Resin-Based Wood Glues	PI0604069-1	15 Sep 2006	Live - Pending
Brazil	Compositions and Methods for Resin-Based Wood Glues	PI0604065-6	18 Sep 2006	Live - Pending
Brazil	PEG-Coated Silicas for Toothpaste	PI 9910963-8	01 Jun 1999	Live - Pending
Brazil	Iron Salt Based Humidity Indicators	PI0009872-8	12 Apr 2000	Live - Pending
Brazil	Stabilising Beverages - Wisp	PI0206589-4	07 Jan 2002	Live - Pending
Brazil	Amorphous Silicas (High Cleaning Dental)	PI0214985-0	29 Nov 2002	Live - Pending
Brazil	Powder Coating Compositions	PI0313995-6	20 Aug 2003	Live - Pending
Brazil	Stabilised Aluminosilicate Slurries	PI0315397.5	22 Oct 2003	Live - Pending
Brazil	Chameleon III	PI0408344-0	21 Jan 2004	Live - Pending
Brazil	Dental Abrasive System (silica/zeolite)	PI0506714-6	05 Jan 2005	Live - Pending
Brazil	Dentifrice Compositions Containing Zeolites	PI0506682-4	05 Jan 2005	Live - Pending
Brazil	Stabilised Aluminosilicate Slurries	PI0511042-4	06 May 2005	Live - Pending
Canada	Stabilising Beverages - Wisp	2432862	07 Jan 2002	Live - Pending
Canada	Powder Coating Compositions	2494412	20 Aug 2003	Live - Pending
Canada	Stabilised Aluminosilicate Slurries	2502096	22 Oct 2003	Live - Pending
Canada	Stabilised Aluminosilicate Slurries	2565696	06 May 2005	Live - Pending
Canada	Detergent Composition	2444051	18-Apr-02	Live - Pending

Country	Title	Appln No	Appln Date	Status
Chile	Stabilising Beverages - Wisp	2002-0107	21 Jan 2002	Live - Pending
China	Iron Salt Based Humidity Indicators	2.0041E+11	12 Apr 2000	Live - Pending
China	Amorphous Silicas (High Cleaning Dental)	2825742.1	29 Nov 2002	Live - Pending
China	Stabilised Aluminosilicate Slurries	2003 80102538.3	22 Oct 2003	Live - Pending
China	Chameleon III	2.0048E+11	21 Jan 2004	Live - Pending
China	Dental Abrasive System (silica/zeolite)	2.0058E+11	05 Jan 2005	Live - Pending
China	Dentifrice Compositions Containing Zeolites	2.0058E+11	05 Jan 2005	Live - Pending
China	Stabilised Aluminosilicate Slurries	2.0058E+11	06 May 2005	Live - Pending
Czech Republic	Stabilising Beverages - Wisp	PV2003-1987	07 Jan 2002	Live - Pending
European (EPO)	Iron Salt Based Humidity Indicators	4003731.9	12 Apr 2000	Live - Pending
European (EPO)	Silicate Base Coatings	5254632	26 Jul 2005	Live - Pending
European (EPO)	UV Silicas	96927584.1	20 Jul 1996	Live - Pending
European (EPO)	Zeolite Compositions and their use	1936616	23 May 2001	Live - Pending
European (EPO)	Silica - Based Indicating Desiccants (Chameleon 2)	2732123.1	04 Jan 2002	Live - Pending
European (EPO)	Amorphous Silicas (High Cleaning Dental)	2781424.3	29 Nov 2002	Live - Pending/Allowed
European (EPO)	Powder Coating Compositions	3795050.8	20 Aug 2003	Live - Pending/Allowed
European (EPO)	Stabilised Aluminosilicate Slurries	3809768.9	22 Oct 2003	Live - Pending
European (EPO)	Chameleon III	4703850	21 Jan 2004	Live - Pending
European (EPO)	Dental Abrasive System (silica/zeolite)	5701782.4	05 Jan 2005	Live - Pending
European (EPO)	Dentifrice Compositions Containing Zeolites	5701775.8	05 Jan 2005	Live - Pending
European (EPO)	Stabilised Aluminosilicate Slurries	5740370.1	06 May 2005	Live - Pending
European (EPO)	Detergent Composition	2747289.3	18-Apr-02	Live - Pending
India	A24-Unseeded route	392/MAS/94	11 May 1994	Live - Pending

Country	Title	Appln No	Appln Date	Status
India	Amorphous silicas and compositions	1064/CAL/96	10 Jun 1996	Live - Pending
India	Stabilising Beverages - Wisp	612/MUMNP/2003	07 Jan 2002	Live - Pending
India	PEG-coated Silicas for Toothpaste	20000706/MUM	01-Jun-99	Live - Pending/Allowed
India	Amorphous Silicas (High Cleaning Dental)	1507/DELNP/2004	29 Nov 2002	Live - Pending
India	Powder Coating Compositions	514/DELNP/2005	20 Aug 2003	Live - Pending
India	Dental Abrasive System (silica/zeolite)	3468/DELNP/2006	05 Jan 2005	Live - Pending
India	Dentifrice Compositions Containing Zeolites	3886/DELNP/2006	05 Jan 2005	Live - Pending
India	Detergent Composition	1831/CHEN/2003	18-Apr-02	Live - Pending
Indonesia	Amorphous Silicas (High Cleaning Dental)	W00200401312	29 Nov 2002	Live - Pending
Indonesia	Powder Coating Compositions	WOO200500631	20 Aug 2003	Live - Pending
Indonesia	Stabilised Aluminosilicate Slurries	W00200501094	22 Oct 2003	Live - Pending
Indonesia	Dental Abrasive System (silica/zeolite)	W-00200601914	05 Jan 2005	Live - Pending
Indonesia	Dentifrice Compositions Containing Zeolites	W-00200601915	05 Jan 2005	Live - Pending
Indonesia	Stabilised Aluminosilicate Slurries	W-00200603162	06 May 2005	Live - Pending
Indonesia	Detergent Composition	W-00200302087	18-Apr-02	Live - Pending
Japan	A24 - Batch auto seeded process	520341/95	11 Jan 1995	Live - Pending
Japan	A24 - Continuous Seeded Process	08-515008	24 Oct 1995	Live - Pending
Japan	Amorphous silicas and compositions	504745/97	10 Jun 1996	Pending - under Examination
Japan	Exfoliating Silica	9-528921/97	15 Jan 1997	Live - Pending
Japan	A48 Map Silicate	9-533108	07 Mar 1997	Live - Pending
Japan	Iron Salt Based Humidity Indicators	614028/2000	12 Apr 2000	Live - Pending
Japan	Zeolite Compositions and their use	502055/2002	23 May 2001	Live - Pending
Japan	Stabilising Beverages - Wisp	558460/2002	07 Jan 2002	Live - Pending

Country	Title	Appln No	Appln Date	Status
Japan	Silica - Based Indicating Desiccants (Chameleon 2)	558002/2002	04 Jan 2002	Live - Pending
Japan	Amorphous Silicas (High Cleaning Dental)	2003-556345	29 Nov 2002	Live - Pending
Japan	Powder Coating Compositions	2004-535623	20 Aug 2003	Live - Pending
Japan	Antimony Silicate Sorbent for Removal of Metal Ions	2000-548887	13 May 1999	Live - Pending
Japan	Chameleon III	2006-505884	21 Jan 2004	Live - Pending
Japan	Dental Abrasive System (silica/zeolite)	2006-548376	05 Jan 2005	Live - Pending
Japan	Dentifrice Compositions Containing Zeolites	2006-548374	05 Jan 2005	Live - Pending
Korea, Republic of	Zeolite Compositions and their use	10-2002-7016382	23 May 2001	Pending - Allowed/Accepted
Korea, Republic of	Stabilising Beverages - Wisp	10-2003-7009640	07 Jan 2002	Live - Pending
Korea, Republic of	Amorphous Silicas (High Cleaning Dental)	10-2004-7009815	29 Nov 2002	Live - Pending
Korea, Republic of	Powder Coating Compositions	10-2005-7004395	20 Aug 2003	Live - Pending
Korea, Republic of	Stabilised Aluminosilicate Slurries	10-2005-7007574	22 Oct 2003	Live - Pending
Korea, Republic of	Chameleon III	10-2005-7017432	21 Jan 2004	Live - Pending
Korea, Republic of	Dental Abrasive System (silica/zeolite)	10-2006-7013579	05 Jan 2005	Live - Pending
Korea, Republic of	Dentifrice Compositions Containing Zeolites	10-2006-7013580	05 Jan 2005	Live - Pending
Korea, Republic of	Stabilised Aluminosilicate Slurries	10-2006-7026122	06 May 2005	Live - Pending
Malaysia	Powder Coating Compositions	PI20033477	12 Sep 2003	Live - Pending
Malaysia	Stabilised Aluminosilicate Slurries	PI20052157	12 May 2005	Live - Pending
Mexico	MAP/High Gel Concentration	932036	07 Apr 1993	Live - Pending
Mexico	Zeolite Compositions and their use	PA/A/2002/017782	23 May 2001	Live - Pending
Mexico	Powder Coating Compositions	PA/A/2005/002920	20 Aug 2003	Live - Pending
Mexico	Stabilised Aluminosilicate Slurries	PA/A/2005004477	22 Oct 2003	Live - Pending

Country	Title	Appln No	Appln Date	Status
Norway	Stabilised Aluminosilicate Slurries	20051690	22 Oct 2003	Live - Pending
P.C.T.	Silicate Base Coatings	PCT/GB2006/002 760	24 Jul 2006	Live - Pending
P.C.T.	Silicas	PCT/GB2006/004 649	12 Dec 2006	Live - Pending
P.C.T.	Compositions and Methods for Resin-Based Wood Glues	PCT/GB2007/003 463	14 Sep 2007	Live - Pending
Poland	Stabilising Beverages - Wisp	P-362751	07 Jan 2002	Live - Pending
Poland	Powder Coating Compositions	P374538	20 Aug 2003	Live - Pending
Russian Federation	Dental Abrasive System (silica/zeolite)	2006128872	05 Jan 2005	Live - Pending
Russian Federation	Dentifrice Compositions Containing Zeolites	2006128874	05 Jan 2005	Live - Pending
Serbia & Montenegro	Stabilised Aluminosilicate Slurries	2005.0328	22 Oct 2003	Live - Pending
South Africa	Stabilised Aluminosilicate Slurries	2006/09334	06 May 2005	Live - Pending
South Africa	Method for the Preparation of a Suspension	2006/02827	14-Sep-04	
Taiwan	Stabilising Beverages - Wisp	91100069	04 Jan 2002	Live - Pending
Taiwan	Amorphous Silicas (High Cleaning Dental)	91136826	20 Dec 2002	Live - Pending
Thailand	MAP/High Gel Concentration	18571/93	31 Mar 1993	Live - Pending
Thailand	Stabilising Beverages - Wisp	71264	18 Jan 2002	Live - Pending
Thailand	Amorphous Silicas (High Cleaning Dental)	78972	20 Dec 2002	Live - Pending
Thailand	Dentifrice Compositions Containing Zeolites	96789	05 Jan 2005	Live - Pending
Thailand	Stabilised Aluminosilicate Slurries	100327	06 May 2005	Live - Pending
Thailand	Silicas	601006181	12 Dec 2006	Live - Pending
Thailand	Compositions and Methods for Resin-Based Wood Glues	701004636	14 Sep 2007	Live - Pending
United Kingdom	Compositions and Methods for Resin-Based Wood Glues	621950.5	03 Nov 2006	Live - Pending
United Kingdom	Aqueous Compositions, Precursor Systems and Application Systems	701245.3	23 Jan 2007	Live - Pending

Country	Title	Appln No	Appln Date	Status
United Kingdom	Catalyst Particles, their Preparation and Use	720983.6	26 Oct 2007	Live - Pending
Venezuela	Stabilising Beverages - Wisp	038-2002	07 Jan 2002	Live - Pending
Venezuela	Amorphous Silicas (High Cleaning Dental)	2526-2002	23 Dec 2002	Live - Pending
Vietnam	Powder Coating Compositions	1-2005-00377	20 Aug 2003	Live - Pending