

Base : FAMPAT

SEARCH STRATEGY

SS Results

17	12	16 AND 3
16	17432	15 AND 2
15	17432	14 AND 1
14	58204	13 AND 12
13	103659	..SIMILARITY SS 8 RANKED 1
12	48196084	PD<20141224
11	4	10 AND 4
10	47	7 AND 6
9	0	7 AND 5
8	5	7 AND 4
7	381	1 AND 2 AND 3
6	141333	HYDROXYETHYL CELLULOSE OR ETHYL HYDROXYETHYL CELLULOSE OR METHYL HYDROXYETHYL CELLULOSE OR CARBOXYMETHYL CELLULOSE OR HYDROXYPROPYL METHYL CELLULOSE OR ALKYL HYDROXYPROPYL CELLULOSE ETHER OR HYDROXYPROPYL METHYL CELLULOSE/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
5	238	(POLYVINYL 1D ALCOHOL) AND PVA+ AND ETHENOL/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
4	4091	(POLYVINYL 1D ACETATE) AND PVA+/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
3	2427	ATTAPULGITE AND KAOLIN/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
2	4113614	((COMPOSITION OR BLEND OR MIXTURE)/TI/AB/IW/TX/KEYW/ICLM/ADB/OBJ/DESC/ODES/CLMS AND (JOINT OR BINDER OR ADHESI+ OR GLUE)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX)
1	922456	((COMPOSITION OR BLEND OR MIXTURE)/TI/AB/IW AND (JOINT OR BINDER OR ADHESI+ OR GLUE)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX)

12 Documents

Publication numbers	Title	Current assignees
US4558079 A	Tape joint cement composition	BLI HOLDING, ...
US20050056187 A1	Tape joint compositions with carboxymethyl cellulose (cmc) thickener system	HERCULES, ...
JP59161472 A	Tape joint cement composition.	HERCULES
EP-119012 A2	Tape joint cement composition	HERCULES
AU8055082 A	Asbestos-free vinyl floor tile composition and method for its manufacture	RESILIENT HOLDINGS, ...
US20050235878 A1	Joint compounds using thickeners prepared from raw cotton linters	HERCULES, ...
US20050241543 A1	Cement-based systems using water retention agents prepared from raw cotton linters	HERCULES
WO201183696 A1	Inorganic fibrous molded refractory article, method for producing inorganic fibrous molded refractory article, and inorganic fibrous unshaped refractory composition	NICHIAS
US5034160 A	Sprayable fireproofing composition.	WR GRACE
CN101088953 A	Adhesive, heat insulating and sound isolating material with the adhesive and preparing process thereof	MIMI
AU8424527 A	Joint cement or spackling composition	HERCULES
WO200196512 A2	Process for Cleaning a Surface	PROCTER & GAMBLE

Family 1/12 - FAMPAT - ©Questel

Title

(US4558079)

Tape joint cement composition

Publication data including kind & date[US4558079](#) A 1985-12-10 US4558079**Abstract**

(US4558079)

Tape joint cement compositions suitable for use with wallboard are disclosed wherein at least one hydroxypropylhydroxyethylcellulose having specified substitution levels is employed as the water retention aid and thickener. Blends of hydroxypropylhydroxyethylcellulose with (a) at least one cellulose ether, such as, hydroxyethylcellulose, hydroxypropylcellulose, methylcellulose, methylhydroxyethylcellulose, and methylhydroxypropylcellulose or (b) a hydroxyalkylguar, such as hydroxypropylguar and hydroxyethylguar are also disclosed.

Inventors

DESMARAIS ARMAND J

Latest standardized assignees - inventors removed

BLI HOLDING

COVINGTON HOLDINGS

HERCULES EURO HOLDINGS

HERCULES INVESTMENTS

HISPAN

HERCULES FLAVOR

HERCULES EURO HOLDINGS A DELAWARE LIABILITY

CHEMICAL TECHNOLOGIES INDIA

HERCULES SHARED SERVICES

HERCULES COUNTRY CLUB

D R C

HERCULES INTERNATIONAL

HERCULES CREDIT

HERCULES CHEMICAL

EAST BAY REALTY SERVICES

GE POWER AND WATER

FIBERVISIONS PRODUCTS

ATHENS HOLDINGS

CATALYSTS & CHEMICALS INDUSTRIES

HERCULES INVESTMENTS A DELAWARE LIABILITY

BLI HOLDINGS

WSP

FIBERVISIONS

FIBERVISIONS A DELAWARE LIABILITY

HERCULES INTERNATIONAL A DELAWARE LIABILITY

FIBERVISIONS A DELAWARE PARTNERSHIP

HERCULES FINANCE

ASHLAND AQUALON

Family 2/12 - FAMPAT - ©Questel

Title

(EP1664233)

Tape joint compositions with carboxymethyl cellulose (cmc) thickener system

Publication data including kind & date

US20050056187	A1	2005-03-17	US20050056187			
WO2005028585	A1	2005-03-31	WO200528585			
CA2538892	A1	2005-03-31	CA2538892			
TW200610795	A	2006-04-01	TW200610795			
EP1664233	A1	2006-06-07	EP1664233			
MXPA06002923	A	2006-06-14	MX2006PA002923			
KR20060080195	A	2006-07-07	KR20060080195			
US7108744	B2	2006-09-19	US7108744			
CN1852962	A	2006-10-25	CN1852962			
BRPI0414413	A	2006-11-14	BR200414413			
BRPI0414413	A1	2006-11-14	BRPI0414413			
JP2007505974	A	2007-03-15	JP2007505974			
IN1285/DELNP/2006	A	2007-07-13	IN2006DN01285			
RU2006112232	A	2007-11-10	RU2006112232			
RU2348669	C2	2009-03-10	RU2348669			
BRPI0414413	A2	2009-04-28	BR200414413			
CA2538892	C	2010-03-23	CA2538892			

Abstract

(EP1664233)

CMC with CMDS greater than or equal to 0.76, optionally with a non-ionic co-thickener or a CMC with CMDS less than 0.75 is used as both the rheology modifier and partial clay substitute in tape joint compounds. This significant reduction of clay level is sufficient to eliminate most of the negative characteristics of clay in joint compound.

Inventors

PODLAS THOMAS J

Latest standardized assignees - inventors removed

HERCULES

ISP INVESTMENTS

ASHLAND

ASHLAND AQUALON

AVOCA

PHARMACHEM LABORATORIES

ISP INVESTMENT

Family 3/12 - FAMPAT - ©Questel

Title

(EP-118637)

Tape joint cement composition.

Publication data including kind & date

JPS59161472	A	1984-09-12	JP59161472			
EP0118637	A2	1984-09-19	EP-118637			

Abstract

(EP-118637)

Tape joint cement composition suitable for use with wallboard is disclosed wherein hydroxypropyl hydroxyethyl cellulose having specified substitution levels is employed as the water retention aid and thickener.

Inventors

DESMARAIS ARMAND JOSEPH

Latest standardized assignees - inventors removed

HERCULES

Family 4/12 - FAMPAT - ©Questel

Title

(EP-119012)

Tape joint cement composition

Publication data including kind & date

EP0119012	A2	1984-09-19	EP-119012
EP0119012	A3	1986-07-09	EP-119012
EP0119012	B1	1988-12-28	EP-119012
DE3475795	D1	1989-02-02	DE3475795
SG21389	G	1989-07-14	SG--21389



Abstract

(EP-119012)

Tape joint cement compositions suitable for use with wallboard are disclosed wherein at least one hydroxypropylhydroxyethylcellulose having specified substitution levels is employed as the water retention aid and thickener. Blends of hydroxypropylhydroxyethylcellulose with a) at least one cellulose ether, such as, hydroxyethylcellulose, hydroxypropylcellulose, methylcellulose, methylhydroxyethylcellulose, and methylhydroxypropylcellulose or b) a hydroxyalkylguar, such as hydroxypropylguar and hydroxyethylguar are also disclosed.

Inventors

DESMARAIS, ARMAND JOSEPH

Latest standardized assignees - inventors removed

HERCULES

Family 5/12 - FAMPAT - ©Questel

Title

(WO8001696)

Asbestos-free vinyl floor tile composition and method for its manufacture

Images



Publication data including kind & date

AU5508280	A	1980-08-14	AU8055082
WO8001696	A1	1980-08-21	WO8001696
FR2448515	A1	1980-09-05	FR2448515
GB2043091	A	1980-10-01	GB2043091
BR8006527	A	1980-12-30	BR8006527
JPS56500175	A	1981-02-19	JP56500175
US4260534	A	1981-04-07	US4260534
DE3034309	A1	1981-05-07	DE3034309
GB2043091	B	1983-03-09	GB2043091



CA1159592	A	1983-12-27	CA1159592
AU550859	B2	1986-04-10	AU-550859
MX153524	A	1986-11-11	MX-153524

**Abstract**

(WO8001696)

An asbestos free composition suitable for the manufacture of vinyl floor tile comprises a substantially uniform mixture of a minor portion of vinyl polymer resin and a major portion of mineral filler consisting essentially of calcium carbonate and Kaolin clay. Formulations using such a mineral filler have been found processible into floor tile using the same basic production equipment and process line used in the manufacture of vinyl asbestos tile.

Inventors

SMITH M

HANSON J

Latest standardized assignees - inventors removed

RESILIENT HOLDINGS

CONGOLEUM HOLDINGS

CONGOLEUM

Family 6/12 - FAMPAT - ©Questel

Title

(US7066996)

Joint compounds using thickeners prepared from raw cotton linters

Publication data including kind & date

US20050235878	A1	2005-10-27	US20050235878
US7066996	B2	2006-06-27	US7066996

**Abstract**

(US7066996)

A mixture composition of a cellulose ether made from raw cotton linters and at least one additive is used in a ready mixed joint compound composition wherein the amount of the cellulose ether in the joint compound composition is significantly reduced. When this joint compound composition is mixed with water and applied to a substrate, the water retention, sag resistance, and workability of the wet joint compound are comparable or improved as compared to when using conventional similar cellulose ethers.

Inventors

PODLAS THOMAS J

Latest standardized assignees - inventors removed

HERCULES

ISP INVESTMENTS

ASHLAND

ASHLAND AQUALON

ISP INVESTMENT

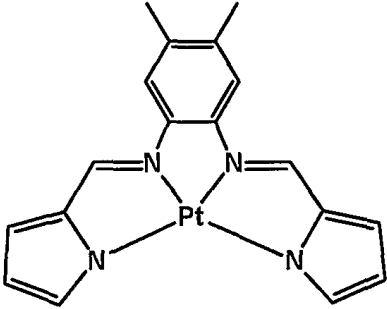
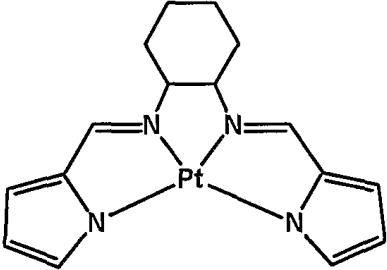
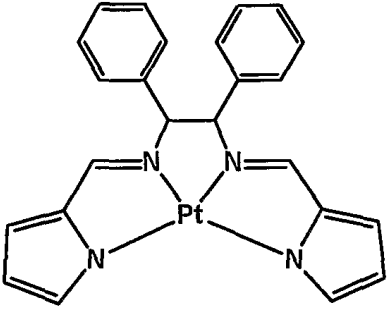
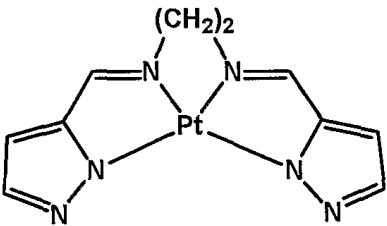
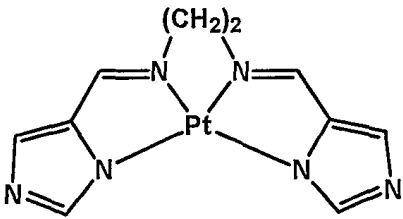
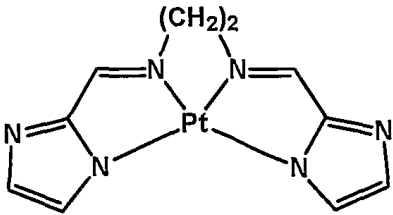
Family 7/12 - FAMPAT - ©Questel

Title

(EP1758835)

Cement-based systems using water retention agents prepared from raw cotton linters

Images

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Publication data including kind & date

US20050241543	A1	2005-11-03	US20050241543
WO2005105702	A1	2005-11-10	WO2005105702
WO2005105700	A1	2005-11-10	WO2005105700
CA2563774	A1	2005-11-10	CA2563774
CA2563772	A1	2005-11-10	CA2563772
WO2005105701	A1	2005-11-10	WO2005105701
WO2005105698	A1	2005-11-10	WO2005105698
CA2563773	A1	2005-11-10	CA2563773
CA2563451	A1	2005-11-10	CA2563451
WO2005105699	A1	2005-11-10	WO2005105699
CA2562439	A1	2005-11-10	CA2562439
WO2005105697	A1	2005-11-10	WO2005105697
CA2562279	A1	2005-11-10	CA2562279
TW200540139	A	2005-12-16	TW200540139
TW200600484	A	2006-01-01	TW200600484
AR049803	A1	2006-09-06	AR--49803
AR049802	A1	2006-09-06	AR--49802
AR049889	A1	2006-09-13	AR--49889
AR049888	A1	2006-09-13	AR--49888
AR049887	A1	2006-09-13	AR--49887
AR049886	A1	2006-09-13	AR--49886
KR20060130264	A	2006-12-18	KR20060130264
WO2005105698	A8	2006-12-21	WO2005105698
KR20060135919	A	2006-12-29	KR20060135919
KR20060135920	A	2006-12-29	KR20060135920
TW200700347	A	2007-01-01	TW200700347
TW200700345	A	2007-01-01	TW200700345
TW200700346	A	2007-01-01	TW200700346
TW200700344	A	2007-01-01	TW200700344
KR20070005731	A	2007-01-10	KR20070005731
EP1740514	A1	2007-01-10	EP1740514
EP1740513	A1	2007-01-10	EP1740513
MXPA06011929	A	2007-01-16	MX2006PA011929
EP1742892	A1	2007-01-17	EP1742892
KR20070010186	A	2007-01-22	KR20070010186
MXPA06012027	A	2007-01-25	MX2006PA012027
MXPA06012025	A	2007-01-25	MX2006PA012025
MXPA06012319	A	2007-01-31	MX2006PA012319
MXPA06012317	A	2007-01-31	MX2006PA012317
EP1748967	A1	2007-02-07	EP1748967
EP1758835	A1	2007-03-07	EP1758835
EP1758834	A1	2007-03-07	EP1758834
CN1946651	A	2007-04-11	CN1946651
CN1946650	A	2007-04-11	CN1946650
CN1946649	A	2007-04-11	CN1946649
CN1946648	A	2007-04-11	CN1946648
CN1946652	A	2007-04-11	CN1946652



IN5971/DELNP/2006	A	2007-07-13	IN2006DN05971				
IN5968/DELNP/2006	A	2007-08-24	IN2006DN05968				
BRPI0509123	A	2007-08-28	BR200509123				
BRPI0509123	A1	2007-08-28	BR200509123				
IN6222/DELNP/2006	A	2007-08-31	IN2006DN06222				
IN6103/DELNP/2006	A	2007-08-31	IN2006DN06103				
IN5969/DELNP/2006	A	2007-08-31	IN2006DN05969				
BRPI0510425	A	2007-10-30	BR200510425				
BRPI0510425	A1	2007-10-30	BRPI0510425				
BRPI0510338	A	2007-10-30	BR200510338				
BRPI0510338	A1	2007-10-30	BRPI0510338				
BRPI0510299	A	2007-11-06	BR200510299				
BRPI0510299	A1	2007-11-06	BRPI0510299				
BRPI0510357	A	2007-11-06	BR200510357				
BRPI0510357	A1	2007-11-06	BRPI0510357				
JP2007534607	A	2007-11-29	JP2007534607				
JP2007534608	A	2007-11-29	JP2007534608				
JP2007534606	A	2007-11-29	JP2007534606				
JP2007534605	A	2007-11-29	JP2007534605				
ZA200609885	B	2008-02-27	ZA200609885				
RU2006141695	A	2008-06-10	RU2006141695				
RU2006141699	A	2008-06-10	RU2006141699				
RU2006141693	A	2008-06-10	RU2006141693				
RU2006141694	A	2008-06-10	RU2006141694				
RU2006141688	A	2008-06-10	RU2006141688				
ZA200609887	B	2008-07-30	ZA200609887				
ZA200609884	B	2008-07-30	ZA200609884				
ZA200609883	B	2008-07-30	ZA200609883				
BRPI0510425	A2	2011-03-29	BR200510425				
BRPI0510299	A2	2012-05-15	BR200510299				
BRPI0509123	A2	2012-05-15	BR200509123				
BRPI0510357	A2	2012-05-15	BR200510357				
BRPI0510338	A2	2012-05-15	BR200510338				

Abstract

(EP1758835)

A mixture composition of a cellulose ether made from raw cotton linters and at least one additive is used in a cement based dry mortar composition wherein the amount of the cellulose ether in the tile cement based dry mortar composition is significantly reduced. When this cement based mortar dry composition is mixed with water and applied to a substrate, the water retention, thickening behavior, and/or sag resistance of the wet mortar are comparable or improved as compared to when using conventional similar cellulose ethers.

Inventors

HAGEN WOLFGANG

HILDEBRANDT WOLFGANG

HOHN WILFRIED

SCHWEIZER DIETER

Latest standardized assignees - inventors removed

HERCULES

Family 8/12 - FAMPAT - ©Questel

Title

(EP2522646)

Inorganic fibrous molded refractory article, method for producing inorganic fibrous molded refractory article, and inorganic fibrous unshaped refractory composition

Images

$$C(\%) = \{\text{filtrate (L)} \times (a1 + a2 + a3 + a4) \times 100\} / \{\text{amount (mg) of inorganic fibers before dissolution} \times (b1 + b2 + b3 + b4) / 100\} (1)$$

Publication data including kind & date

WO2011083696	A1	2011-07-14	WO201183696				
AU2010340533	A1	2012-07-12	AU2010340533				
KR20120113750	A	2012-10-15	KR20120113750				
CN102741196	A	2012-10-17	CN102741196				
EP2522646	A1	2012-11-14	EP2522646				
JPWO2011083696	A1	2013-05-13	JP2011083696W				
US20130225391	A1	2013-08-29	US20130225391				
EP2522646	A4	2013-11-13	EP2522646				
IN5903/CHENP/2012	A	2013-11-22	IN2012CN05903				
AU2010340533	B2	2014-04-10	AU2010340533				
AU2014203785	A1	2014-07-31	AU2014203785				
KR101429373	B1	2014-08-11	KR101429373				
CN102741196	B	2015-04-15	CN102741196B				
US9067832	B2	2015-06-30	US9067832				
JP2015127295	A	2015-07-09	JP2015127295				
JP5973729	B2	2016-08-23	JP5973729				

Abstract

(EP2522646)

To provide a highly bio-soluble fibrous shaped refractory article which can develop desired heat resistance without containing ceramic fibers such as aluminum silicate fibers, alumina powder and silica powder and can be provided at a low production cost and a low product cost. An inorganic fibrous shaped refractory article comprising 2 to 95 mass% of bio-soluble inorganic fibers having a dissolution ratio in a physiological saline at 40°C of 1 mass% or more, 2 to 95 mass% of inorganic powder having a needle-like crystal structure and 3 to 32 mass% of a binder, and in particular, it is an inorganic fibrous refractory article wherein the inorganic powder having the needle-like crystal structure has an average length of 1 to 3000 μm and an aspect ratio of 1 to 1000.

Inventors

IWATA KOJI

YONAIYAMA KEN

Latest standardized assignees - inventors removed

NICHIAS

Family 9/12 - FAMPAT - ©Questel

Title

(EP-461821)

Sprayable fireproofing composition.

Publication data including kind & date

US5034160	A	1991-07-23	US5034160			
AU7827191	A	1991-12-12	AU9178271			

CA2027318	A1	1991-12-12	CA2027318			
EP0461821	A1	1991-12-18	EP-461821			
KR19920000881	A	1992-01-29	KR19920000881			
JPH04228461	A	1992-08-18	JP04228461			
AU634692	B2	1993-02-25	AU-634692			
JPH0662325	B2	1994-08-17	JP94062325			
EP0461821	B1	1995-08-23	EP-461821			
DE69112290	D1	1995-09-28	DE69112290			
ES2075935	T3	1995-10-16	ES2075935			
HK182295	A	1995-12-08	HK9501822			
DE69112290	T2	1996-03-14	DE69112290			
CA2027318	C	1998-06-30	CA2027318			
KR0172125	B1	1999-03-20	KR100172125			

Abstract

(EP-461821)

A sprayable fireproofing composition comprising a hydratable cementitious binder, a porous aggregate, a fibrous material, an air-entraining agent and a rheopectic agent selected from granular attapulgite, sepiolite or mixture thereof having a major amount of particulate greater than 40 microns and water content less than **16** percent.

Inventors

KINDT LAWRENCE JOSEPH

GAIDIS JAMES MICHAEL

DALY JOSEPH MICHAEL

Latest standardized assignees - inventors removed

WR GRACE

Family 10/12 - FAMPAT - ©Questel

Title

(CN100475733C)

Adhesive, heat insulating and sound isolating material with the adhesive and preparing process thereof

Images

硅灰石物理特性		化学成份%	
热膨胀系数:	6.0×10 ⁻⁶	SiO ₂ :	50%min
折光系数:	1.63	CaO :	46%min
熔点:	1450℃	Fe ₂ O ₃ :	0.3%max
硬度:	4.5~5.0	Al ₂ O ₃ :	0.46%max
比重:	2.91	MgO :	0.60%max
白度:	88~92	MnO :	0.02%max
PH:	9.8	TiO ₂ :	0.02%max
长径比: L/D	20~30:1	LOI :	3.0%max

Publication data including kind & date

CN101088953 A 2007-12-19 CN101088953

CN100475733 C 2009-04-08 CN100475733C

**Abstract**

(CN100475733C)

The adhesive has the ingredients including redispersible latex powder 0.5-1.5 (in weight portions, the same below), modified cellulose 0.1-0.4, PVA 0.1-1, wood fiber 1-4, polyester or polypropylene fiber 0.1-0.4, attapulgite clay 0.2-1.2, silica fume 0.5-1.5, organosilicon powder 0.1-0.4, bentonite 0.5-1.5, cement **3**-15, calcium formate 0.1-0.4 and RE 0.1-

0.5.The heat insulating and sound isolating material with the adhesive consists of the adhesive and aggregate in the weight ratio of 1-4 to 1.The heat insulating and sound isolating material is mixed with water to form mixture, and the mixture is smeared onto some carrier or made into block.The adhesive and the heat insulating and sound isolating material have excellent performance and simple production process.

Inventors

NAN MI

Latest standardized assignees - inventors removed

MIMI

Family 11/12 - FAMPAT - ©Questel

Title

(AU-566513)

Joint cement or spackling composition

Publication data including kind & date

AU2452784	A	1984-08-23	AU8424527
CA1212492	A	1986-10-07	CA1212492
AU566513	B2	1987-10-22	AU-566513
HK46789	A	1989-06-16	HK8900467



Abstract

(AU-566513)

TAPE JOINT CEMENT COMPOSITION Tape joint cement compositions suitable for use with wallboard are disclosed wherein at least one hydroxypropylhydroxyethylcellulose having specified substitution levels is employed as the water retention aid and thickener.Blends of hydroxypropylhydroxyethylcellulose with a) at least one cellulose ether, such as, hydroxyethylcellulose, hydroxypropylcellulose, methylcellulose, methylhydroxyethylcellulose, and methylhydroxypropylcellulose or b) a hydroxyalkylguar, such as hydroxypropylguar and hydroxyethylguar are also disclosed.

(From CA1212492 A)

Inventors

DESMARAIS ARMAND JOSEPH

Latest standardized assignees - inventors removed

HERCULES

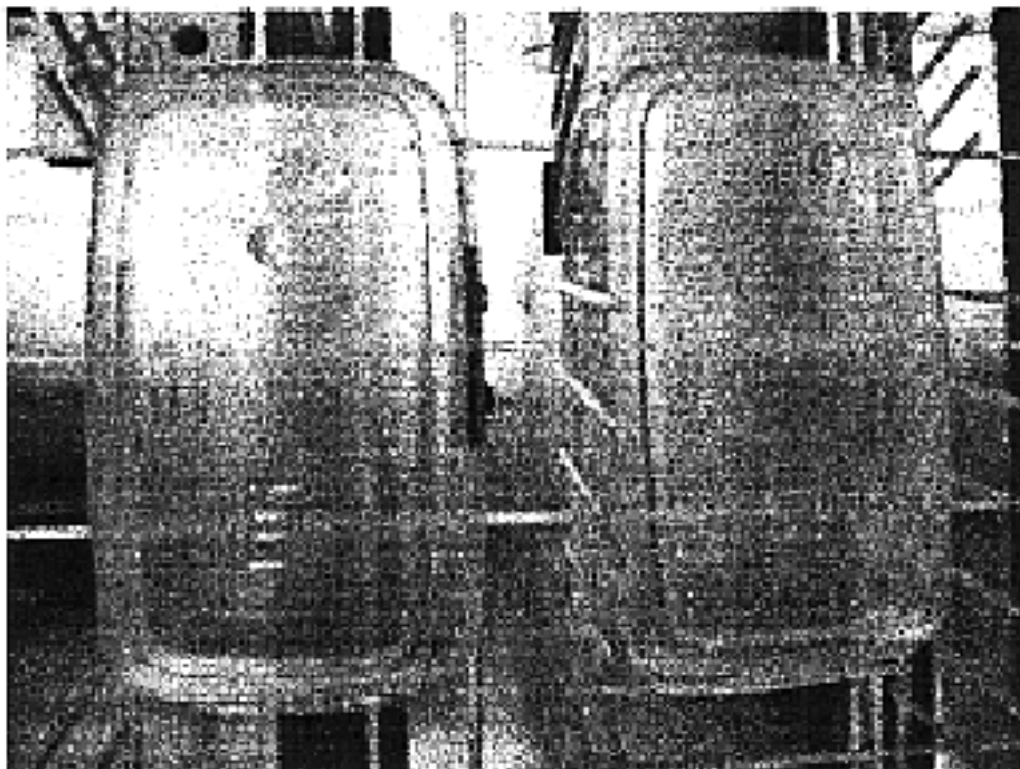
Family 12/12 - FAMPAT - ©Questel

Title

(EP1757675)

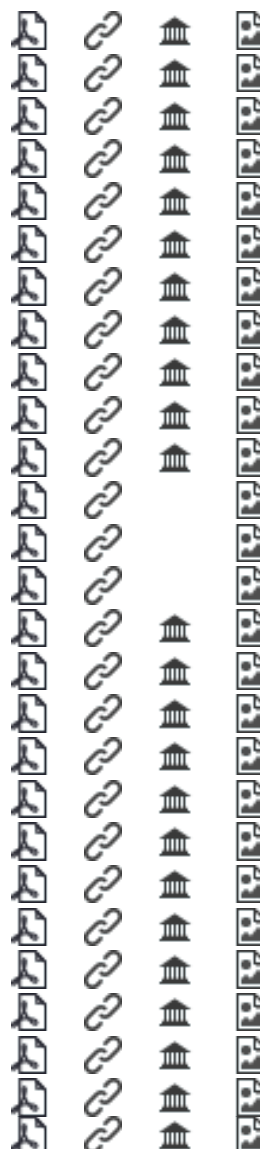
Process for Cleaning a Surface

Images



Publication data including kind & date

WO200196512	A2	2001-12-20	WO200196512
WO200196511	A2	2001-12-20	WO200196511
CA2410600	A1	2001-12-20	CA2410600
CA2410362	A1	2001-12-20	CA2410362
WO200196516	A1	2001-12-20	WO200196516
CA2411028	A1	2001-12-20	CA2411028
AU6840401	A	2001-12-24	AU200168404
AU6840301	A	2001-12-24	AU200168403
AU5487900	A	2001-12-24	AU200054879
US20020028288	A1	2002-03-07	US20020028288
US20020045010	A1	2002-04-18	US20020045010
PE02822002	A1	2002-05-22	PE200200282
PE02862002	A1	2002-05-28	PE200200286
PE03562002	A1	2002-06-04	PE200200356
WO200196511	A3	2002-07-25	WO200196511
WO02060998	A2	2002-08-08	WO200260998
CA2431925	A1	2002-08-08	CA2431925
AU2002230983	A1	2002-08-12	AU2002230983
US20020108640	A1	2002-08-15	US20020108640
WO02074448	A2	2002-09-26	WO200274448
CA2431780	A1	2002-09-26	CA2431780
AU2001297751	A1	2002-10-03	AU2001297751
WO200196512	A3	2002-10-17	WO200196512
US20020172773	A1	2002-11-21	US20020172773
WO02074448	A3	2003-01-16	WO200274448
WO02060998	A3	2003-01-16	WO200260998



EP1290123	A2	2003-03-12	EP1290123				
EP1290126	A1	2003-03-12	EP1290126				
EP1299481	A2	2003-04-09	EP1299481				
CZ20024049	A3	2003-04-16	CZ20024049				
AR028132	A1	2003-04-23	AR--28132				
MXPA02012432	A	2003-04-25	MX2002PA012432				
MXPA02012433	A	2003-04-25	MX2002PA012433				
BR0111623	A	2003-05-06	BR200111623				
BRPI0111623	A1	2003-05-06	BRPI0111623				
KR20030036223	A	2003-05-09	KR20030036223				
AR029140	A1	2003-06-04	AR--29140				
CZ20024050	A3	2003-08-13	CZ20024050				
CN1436104	A	2003-08-13	CN1436104				
CN1439041	A	2003-08-27	CN1439041				
US20030180466	A1	2003-09-25	US20030180466				
BR0111681	A	2003-10-07	BR200111681				
BRPI0111681	A1	2003-10-07	BRPI0111681				
EP1355995	A2	2003-10-29	EP1355995				
WO02074448	A8	2003-10-30	WO200274448				
WO02060998	A8	2003-10-30	WO200260998				
WO200196511	A8	2003-11-06	WO200196511				
EP1360244	A2	2003-11-12	EP1360244				
MXPA03006830	A	2003-11-13	MX2003PA006830				
MXPA03006829	A	2003-11-13	MX2003PA006829				
BR0116842	A	2003-12-16	BR200116842				
BRPI0116842	A1	2003-12-16	BRPI0116842				
AR033536	A1	2003-12-26	AR--33536				
JP2004503662	A	2004-02-05	JP2004503662				
JP2004503370	A	2004-02-05	JP2004503370				
US6693071	B2	2004-02-17	US6693071				
US20040034157	A1	2004-02-19	US20040034157				
JP2004504925	A	2004-02-19	JP2004504925				
JP2004518786	A	2004-06-24	JP2004518786				
JP2004519545	A	2004-07-02	JP2004519545				
US20040170822	A1	2004-09-02	US20040170822				
US6955834	B2	2005-10-18	US6955834				
CN1232593	C	2005-12-21	CN1232593C				
US7087662	B2	2006-08-08	US7087662				
EP1757675	A1	2007-02-28	EP1757675				
EP1290126	B1	2007-08-08	EP1290126				
AT369414	T	2007-08-15	ATE369414				
US7264678	B2	2007-09-04	US7264678				
DE60035905	D1	2007-09-20	DE60035905				
DE60035905	T2	2008-02-28	DE60035905				
ES2291214	T3	2008-03-01	ES2291214				
JP4097136	B2	2008-06-11	JP4097136				
CA2410600	C	2008-08-12	CA2410600				
CA2410362	C	2008-08-12	CA2410362				

JP4175462	B2	2008-11-05	JP4175462				
CA2431780	C	2009-01-27	CA2431780				
CA2431925	C	2009-01-27	CA2431925				
BRPI0111623	A2	2010-10-19	BR200111623				
BRPI0111681	A2	2011-11-08	BR200111681				
BRPI0116842	A2	2018-03-20	BRPI0116842				

Abstract

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A process is described wherein a surface, for example the exterior surface of a vehicle, is contacted with a cleaning composition capable of rendering the surface treated hydrophilic and then rinsed with purified rinse water. Preferably the process also involves a pre-wetting step, wherein the surface is rinsed with water prior to being contacted with the cleaning composition, and/or an additional rinsing step, wherein the surface is rinsed with unpurified water prior to rinsing with the purified rinse water.

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Latest standardized assignees - inventors removed

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