PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIALLE ALTERNATIVE FUEL SYSTEMS B.V.	09/09/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	14226163
Application Number:	13265623
Application Number:	09254399
Application Number:	09297764
Application Number:	13502992
Application Number:	14034580
Application Number:	14050422
Application Number:	14421116

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DATE SIGNED:	09/29/2015

Total Attachments: 7

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DEED OF ASSIGNMENT

Parties:

Vialle Alternative Fuel Systems B.V., with registered offices at Leemkuil 7, 5626 EA Eindhoven, The Netherlands

hereinafter referred to as **Assignor**,

and

Vialle Group B.V., with registered offices at Leemkuil 7, 5626 EA Eindhoven, The Netherlands

hereinafter referred to as **Assignee**,

considering that,

Assignor has rights to the Patent Applications and Patents that are listed in Annex A

Assignee wishes to acquire the Patent Applications and Patents;

Assignors wish to transfer the Patent Applications and Patents to Assignee;

declare to have agreed as follows:

Assignor hereby transfers all rights, titles and interests in said Patent Applications and Patents to Assignee.

Signed by Assignor at

Place.....Boxtel.....

Assignor... mr. D.P. Schalken ...

Function.....trustee.....

Date...9/9/2015.....

Signed by Assignee at

Place...Eindhoven

Assignee...P.M.H. Rutten.....

Function.....managing director...

Date...9-9-2015.....

ANNEX A

Reference	Country	Short title	Status	Filing Date	Filing Number	Pub/Adv Date	Pub/Adv Number	National/ regional entry no.	Grant/Reg Date	Grant/Reg Number
Case 3	Korea	Gas valve	Granted (active)	11/02/1997	PCT/NL1997/000063	21 aug 1997	WO1997/030285	1019980084464	30/09/2003	1006198780000
Case 6p Lpdi - drukversterker, zonder Result	The Netherlands	Inrichting en werkwijze voor een verbrandingsmotor	Granted (active)	3/03/2009	2001345	02 nov 2009	2001345		7/09/2009	2001345
Case 6p Lpdi - drukversterker, zonder Result	The Netherlands	Arrangement and method for an internal combustion engine	Granted (active)	30/12/2008	2002384	13 apr 2011	2002384		4/04/2011	2002384
Case 6p Lpdi - drukversterker, zonder Result	Australia	Arrangement and method for an internal combustion engine	Granted (active)	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	2009220795	27/03/2014	2009220795
Case 6p Lpdi - drukversterker, zonder Result	Brazil	Arrangement and method for an internal combustion engine	Filed	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	PI0908175-0		
Case 6p Lpdi - drukversterker, zonder Result	Canada	Arrangement and method for an internal combustion engine	Published/ Advertised	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	2,717,169		
Case 6p Lpdi - drukversterker, zonder Result	China	Arrangement and method for an internal combustion engine	Granted (active)	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	200980113030.0	31/12/2014	ZL200980113030.0
Case 6p Lpdi - drukversterker, zonder Result	EP	Arrangement and method for an internal combustion engine	Granted (active)	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	9718043.3	17/06/2015	2282202
Case 6p Lpdi - drukversterker, zonder Result	India	Arrangement and method for an internal combustion engine	Pending	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	2010/2543		
Case 6p Lpdi - drukversterker, zonder Result	Japan	Arrangement and method for an internal combustion engine	Granted (active)	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	2010-549587	26/12/2014	5671948
Case 6p Lpdi - drukversterker, zonder Result	Korea	Arrangement and method for an internal combustion engine	Examined	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	10-2010-7022182		
Case 6p Lpdi - drukversterker, zonder Result	Russia	Arrangement and method for an internal combustion engine	Granted (active)	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	2010138420	10/09/2013	2493417
Case 6p Lpdi - drukversterker, zonder Result	Russia	Arrangement and method for an internal combustion engine	Published/ Advertised	3/03/2009	PCT/NL2009/050095	11 sep 2009	WO2009110792	RU2013126781		
Case 6p Lpdi - drukversterker, zonder Result	US	Arrangement and method for an internal combustion engine	Published/ Advertised	26/03/2014	14/228,163	24 jul 2014	2014-0202429-A1			
Case 7 LiquidSi - foldable buffer 1	The Netherlands	Storage bag and log fuel store	Granted (active)	26/04/2010	2002792	28 nov 2010	2002792		28/10/2010	2002792
Case 7 LiquidSi - foldable buffer 1	Australia	Storage bag and log fuel store	Filed	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	2010235648		
Case 7 LiquidSi - foldable buffer 1	China	Storage bag and log fuel store	Granted (active)	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	201080018274.3	26/10/2013	ZL201080018274.3
Case 7 LiquidSi - foldable buffer 1	EP	Storage bag and log fuel store	Published/ Advertised	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123368	10718314.7		
Case 7 LiquidSi - foldable buffer 1	India	Storage bag and log fuel store	Published/ Advertised	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	7747/CHENP/2011		
Case 7 LiquidSi - foldable buffer 1	Korea	Storage bag and log fuel store	Published/ Advertised	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	10-2011-7028994		
Case 7 LiquidSi - foldable buffer 1	Russia	Storage bag and log fuel store	Granted (active)	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	2011147722	10/10/2014	2528964
Case 7 LiquidSi - foldable buffer 1	Thailand	Storage bag and log fuel store	Published/ Advertised	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	1101001865		
Case 7 LiquidSi - foldable buffer 1	Ukraine	Storage bag and log fuel store	Filed	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	a201113486		
Case 7 LiquidSi - foldable buffer 1	US	Storage bag and log fuel store	Granted (active)	26/04/2010	PCT/NL2010/050227	28 okt 2010	WO2010123366	13/263,623	9/12/2014	US8,905,070
Case 9 Lpi - Injector dynamic range reduction	Australia	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 jan 2000	WO00/00732	1996/45598	15/07/2002	745729
Case 9 Lpi - Injector dynamic range reduction	Belgium	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 feb 2001	WO00/00732	99929968.6	22/05/2002	1182214
Case 9 Lpi - Injector dynamic range reduction	Germany	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 feb 2001	WO00/00732	69929968.6	20/05/2002	69921964.2
Case 9 Lpi - Injector dynamic range reduction	France	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 feb 2001	WO00/00732	99929968.6	22/05/2002	1182214

PATENT
REEL: 036681 FRAME: 0083

Reference	Country	Short title	Status	Filing Date	Filing Number	Pub/Adv Date	Pub/Adv Number	National/ regional entry no.	Grant/Reg Date	Grant/Reg Number
Case 9 Lpi - Injector dynamic range reduction	Great Britain	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 feb 2001	WO00/00732	99929968.8	12/05/2002	1095214
Case 9 Lpi - Injector dynamic range reduction	Italy	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 feb 2001	WO00/00732	99929968.8	27/05/2002	1095214
Case 9 Lpi - Injector dynamic range reduction	The Netherlands	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	05 feb 2001	WO00/00732	99929968.8	12/05/2002	1095214
Case 9 Lpi - Injector dynamic range reduction	Korea	Fuel system for liquefied gas	Granted (active)	30/06/1999	PCT/NL99/00404	06 jan 2006	WO00/00732	2006-7015013	8/04/2006	0427844
LPI - variable pressure/constant flow device	The Netherlands	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2006	2000123	03 mrt 2008	2000123		8/01/2008	2000123
LPI - variable pressure/constant flow device	Australia	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	2007270173	3/01/2013	2007270173
LPI - variable pressure/constant flow device	Belgium	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Bulgaria	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Germany	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	602007021014.1
LPI - variable pressure/constant flow device	Spain	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	France	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Great Britain	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Greece	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Italy	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	The Netherlands	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Poland	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Romania	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	Turkey	Stelsel voor het injecteren van vloeibare damp	Granted (active)	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	07768914.9	29/02/2012	2038537
LPI - variable pressure/constant flow device	India	Stelsel voor het injecteren van vloeibare damp	Examined	3/07/2007	PCT/NL2007/050327	10 jan 2008	WO2008004868	53/MUMNP/2009		
Case 11 Lpi - overfill protection device	The Netherlands	Overfill protection device	Granted (active)	20/10/2003	1024572	01 jul 2005	1024572		27/04/2006	1024572
Case 11 Lpi - overfill protection device	Australia	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	2004281349	13/08/2010	2004281349
Case 11 Lpi - overfill protection device	China	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	200480030742.3	8/10/2008	200480030742.3
Case 11 Lpi - overfill protection device	Germany	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	04793667.9	12/10/2011	602004034851.1
Case 11 Lpi - overfill protection device	France	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	04793667.9	12/10/2011	1678063
Case 11 Lpi - overfill protection device	Greece	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	04793667.9	12/10/2011	1678063
Case 11 Lpi - overfill protection device	Italy	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	04793667.9	12/10/2011	1678063
Case 11 Lpi - overfill protection device	The Netherlands	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	04793667.9	12/10/2011	1678063

Reference	Country	Short title	Status	Filing Date	Filing Number	Pub/Adv Date	Pub/Adv Number	National/ regional entry on.	Grant/Reg Date	Grant/Reg Number
Case 11 Lpi - overfill protection device	Poland	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	04789857.9	12/10/2011	1678393
Case 11 Lpi - overfill protection device	India	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	70062283	17/12/2010	244718
Case 11 Lpi - overfill protection device	Korea	Overfill protection device	Granted (active)	20/10/2004	PCT/NL2004/000742	28 apr 2005	WO2005038313	10-2006-7008401	13/08/2013	1267934
Case 12 Lpi - Valve after Valve	Italy	Fuel injection drive for an internal combustion engine	Granted (active)	4/03/1998	PCT/NL1998/000123	10 sep 1999	WO1999045262	98908323.3	13/11/2002	1060332
Case 12 Lpi - Valve after Valve	The Netherlands	Fuel injection drive for an internal combustion engine	Granted (active)	4/03/1998	PCT/NL1998/000123	10 sep 1999	WO1999045262	98908323.3	13/11/2002	1060332
Case 12 Lpi - Valve after Valve	Korea	Fuel injection drive for an internal combustion engine	Granted (active)	4/03/1998	PCT/NL1998/000123	10 sep 1999	WO1999045262	2000-7009101	10/06/2003	0368514
Case 13	The Netherlands	Brandstofsteunel voor een inwendige verbrandingsmotor	Granted (active)	15/06/1998	1009261	03 feb 2000	1009261		3/12/1999	1009261
Case 14 Lpi - Ice control injection nozzle	The Netherlands	Injection device	Granted (active)	5/09/1997	1003980	06 mei 1998	1003980		13/05/1998	1003980
Case 14 Lpi - Ice control injection nozzle	Australia	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	4123497	8/02/2001	725819
Case 14 Lpi - Ice control injection nozzle	Belgium	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	97940466.2	18/06/2003	0925435
Case 14 Lpi - Ice control injection nozzle	Germany	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	97940466.2	18/06/2003	69725419
Case 14 Lpi - Ice control injection nozzle	France	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	97940466.2	18/06/2003	0925435
Case 14 Lpi - Ice control injection nozzle	Great Britain	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	97940466.2	18/06/2003	0925435
Case 14 Lpi - Ice control injection nozzle	Italy	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	97940466.2	18/06/2003	0925435
Case 14 Lpi - Ice control injection nozzle	The Netherlands	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	97940466.2	18/06/2003	0925435
Case 14 Lpi - Ice control injection nozzle	Korea	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	1998-7001671	8/06/2006	0405754
Case 14 Lpi - Ice control injection nozzle	US	Injection device	Granted (active)	5/09/1997	PCT/NL1997/000507	12 mrt 1998	WO1998010186	09/254.993	7/07/2003	6,412,430
Case 15 Lpi - Heated Fuel Rail	Korea	Fuel injection device for an internal combustion engine	Granted (active)	2/09/1997	PCT/NL1997/000502	12 mrt 1998	WO1998010196	1998-7001708	21/08/2003	0310597
Case 17 Lpi/Lpdi - Pump Multivalve suspension	The Netherlands	Pressure vessel assembly	Granted (active)	7/11/1996	1004471	05 jul 1998	1004471		14/05/1998	1004471
Case 17 Lpi/Lpdi - Pump Multivalve suspension	Australia	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	1997749993	8/04/2000	714355
Case 17 Lpi/Lpdi - Pump Multivalve suspension	China	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97195510.9	31/12/2001	1296416
Case 17 Lpi/Lpdi - Pump Multivalve suspension	Germany	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97912563	3/07/2003	69723306.6
Case 17 Lpi/Lpdi - Pump Multivalve suspension	Spain	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97912563	3/07/2003	2301276
Case 17 Lpi/Lpdi - Pump Multivalve suspension	France	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97912563	3/07/2003	0948713
Case 17 Lpi/Lpdi - Pump Multivalve suspension	Great Britain	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97912563	3/07/2003	0948713
Case 17 Lpi/Lpdi - Pump Multivalve suspension	Italy	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97912563	3/07/2003	0948713
Case 17 Lpi/Lpdi - Pump Multivalve suspension	The Netherlands	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	97912563	3/07/2003	0948713

Reference	Country	Short title	Status	Filing Date	Filing Number	Pub/Adv Date	Pub/Adv Number	National/ regional entry no.	Grant/Reg Date	Grant/Reg Number
Case 17 Lpi/Lpdi - Piston Multiphase suspension	Korea	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	1999-7004039	14/04/2004	0472841
Case 17 Lpi/Lpdi - Pump Multiphase suspension	US	Pressure vessel assembly	Granted (active)	7/11/1997	PCT/NL1997/000610	14 mei 1998	WO1998020247	09/297,764	27/03/2001	6,182,858
Case 18 Lpi - Vessel in Vessel	The Netherlands	Drukvat alsmede LPG-transportofinjectiesystaam	Granted (active)	29/06/1998	1009512	03 mrt 2000	1009512		4/01/2006	1009512
Case 19 Lpi/LPfi - Modular Fuel Rail	The Netherlands	Injector assembly	Granted (active)	2/07/2006	2000120	03 mrt 2008	2000120		7/04/2008	2000120
Case 19 Lpi/LPfi - Modular Fuel Rail	Australia	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	2007270171	3/11/2011	2007270171
Case 19 Lpi/LPfi - Modular Fuel Rail	China	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	200780028847.9	3/11/2011	200780028847.9
Case 19 Lpi/LPfi - Modular Fuel Rail	Belgium	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Germany	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	602007004829.8
Case 19 Lpi/LPfi - Modular Fuel Rail	France	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Great Britain	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Ireland	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Italy	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Luxembourg	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Macedonia	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	The Netherlands	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Poland	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	Turkey	Injector assembly	Granted (active)	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3	7/04/2010	2035681
Case 19 Lpi/LPfi - Modular Fuel Rail	India	Injector assembly	Pending	2/07/2007	PCT/NL2007/050325	10 jan 2008	WO2008/004866	07747547.3		
20 - Lpi/Lpdi - Buffer follows tank envelope	The Netherlands	Buffer vessel	Granted (active)	3/07/2006	2000122	03 mrt 2008	2000122		7/01/2008	2000122
20 - Lpi/Lpdi - Buffer follows tank envelope	Australia	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	2007270170	29/11/2012	2007270170
20 - Lpi/Lpdi - Buffer follows tank envelope	China	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	200780028847.8	25/07/2012	200780028847.8
20 - Lpi/Lpdi - Buffer follows tank envelope	Austria	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Belgium	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Czech Republic	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Germany	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	602007013461.0
20 - Lpi/Lpdi - Buffer follows tank envelope	Spain	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	France	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Great Britain	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Greece	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Ireland	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Italy	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Luxembourg	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	The Netherlands	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Poland	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684
20 - Lpi/Lpdi - Buffer follows tank envelope	Romania	Buffer vessel	Granted (active)	2/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004865	07747546.5	10/11/2010	2035684

Reference	Country	Short title	Status	Filing Date	Filing Number	Pub/Adv Date	Pub/Adv Number	National/ regional entry no.	Grant/Reg Date	Grant/Reg Number
20 - Lpd/Lpdi - Buffer follows tank envelope	Turkey	Buffer vessel	Granted (active)	3/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004985	07747546.5	10/11/2010	2035924
20 - Lpd/Lpdi - Buffer follows tank envelope	India	Buffer vessel	Pending	3/07/2007	PCT/NL2007/050324	10 jan 2008	WO2008/004985	2009/DCP/		
Case 21 Lpdi - FSU construction	The Netherlands	Koppelkleem voor gebruik in een brandstoftoevoersystem	Granted (active)	4/11/2009	2003753	18 mei 2011	2003753		30/05/2011	2003753
Case 21 Lpdi - FSU construction	Australia	Koppelkleem voor gebruik in een brandstoftoevoersystem	Examined	4/11/2010	PCT/NL2010/050735	12 mei 2011	WO2011/056072	2010315981		
Case 21 Lpdi - FSU construction	EP	Koppelkleem voor gebruik in een brandstoftoevoersystem	Examined	4/11/2010	PCT/NL2010/050735	12 mei 2011	WO2011/056072	10782435.1		
Case 21 Lpdi - FSU construction	Korea	Koppelkleem voor gebruik in een brandstoftoevoersystem	Published/ Advertised	4/11/2010	PCT/NL2010/050735	12 mei 2011	WO2011/056072	10-2012-7013929		
Case 21 Lpdi - FSU construction	US	Koppelkleem voor gebruik in een brandstoftoevoersystem	Examined	4/11/2010	PCT/NL2010/050735	12 mei 2011	WO2011/056072	13/502,890		
Case 22 Lpdi - G-SOAK	The Netherlands	Brandstoftoevoersystem voor een verbrandingsmotor	Granted (active)	13/11/2009	2003791	25 mei 2011	2003791		15/05/2011	2003791
Case 22 Lpdi - G-SOAK	Australia	Brandstoftoevoersystem voor een verbrandingsmotor	Pending	5/11/2010	PCT/NL2010/050738	19 mei 2011	WO2011/059316	2010315833		
Case 22 Lpdi - G-SOAK	Canada	Brandstoftoevoersystem voor een verbrandingsmotor	Published/ Advertised	5/11/2010	PCT/NL2010/050738	19 mei 2011	WO2011/059316	2,779,544		
Case 22 Lpdi - G-SOAK	EP	Brandstoftoevoersystem voor een verbrandingsmotor	Published/ Advertised	5/11/2010	PCT/NL2010/050738	19 mei 2011	WO2011/059316	10782436.9		
Case 22 Lpdi - G-SOAK	Korea	Brandstoftoevoersystem voor een verbrandingsmotor	Pending	5/11/2010	PCT/NL2010/050738	19 mei 2011	WO2011/059316	10-2012-7014880		
Case 22 Lpdi - G-SOAK	US	Brandstoftoevoersystem voor een verbrandingsmotor	Published/ Advertised	5/11/2010	PCT/NL2010/050738	19 mei 2011	WO2011/059316	13/502,992		
Case 23 LPdm - Result for Diesel/LPG	The Netherlands	Dieselmotor voor LPG-diesel-mengsel	Granted (active)	9/04/2012	2006542	17 okt 2012	2006542		8/10/2012	2006542
Case 23 LPdm - Result for Diesel/LPG	Germany	Dieselmotor voor LPG-diesel-mengsel	Published/ Advertised	9/04/2012	PCT/NL2012/050229	11 okt 2012	WO2012/138222	112012001588.6		
Case 23 LPdm - Result for Diesel/LPG	Turkey	Diesel engine for a lpg-diesel mixture	Granted (active)	5/04/2012	PCT/NL2012/050229	11 okt 2012	WO2012/138222	2013/11670	3/04/2013	2013/11670
Case 23 LPdm - Result for Diesel/LPG	US	Dieselmotor voor LPG-diesel-mengsel	Granted (active)	5/04/2012	PCT/NL2012/050229	11 okt 2012	WO2012/138222	14/034,580	9/12/2014	US8,905,016
Case 24 Lpdi - Crankcase ventilation system	The Netherlands	Assembly for use in a crankcase ventilation system	Granted (active)	11/04/2011	2006586	17 okt 2012	2006586		17/10/2012	2006586
Case 24 Lpdi - Crankcase ventilation system	Australia	Assembly for use in a crankcase ventilation system	Pending	10/04/2012	PCT/NL2012/050236	18 okt 2012	WO2012/141581	2012243534		
Case 24 Lpdi - Crankcase ventilation system	Germany	Assembly for use in a crankcase ventilation system	Published/ Advertised	10/04/2012	PCT/NL2012/050236	18 okt 2012	WO2012/141581	112012001650.5		
Case 24 Lpdi - Crankcase ventilation system	Korea	Assembly for use in a crankcase ventilation system	Pending	10/04/2012	PCT/NL2012/050236	18 okt 2012	WO2012/141581	10-2013-7028606		
Case 24 Lpdi - Crankcase ventilation system	Turkey	Assembly for use in a crankcase ventilation system	Granted (active)	10/04/2012	PCT/NL2012/050236	18 okt 2012	WO2012/141581	2013/11906	10/04/2012	2013/11906
Case 24 Lpdi - Crankcase ventilation system	US	Assembly for use in a crankcase ventilation system	Granted (active)	10/04/2012	PCT/NL2012/050236	18 okt 2012	WO2012/141581	14/058,423	21/04/2015	US9,010,295
Case 28 Lpdi - Winkelmann verbrauchsverringerung	Germany	Verfahren zum Betreiben einer Verbrennungskraftmaschine	Examined	21/05/2008	102008034561.5	28 nov 2008	102008034561			
Lpdi - Winkelmann drukverhoging warmtorr	Germany	Verbrennungskraftmaschine und Verfahren zum Betreiben	Granted (active)	30/10/2008	102008053673.6	06 mei 2010	102008053673		30/05/2012	102008053673
Lpdi - Winkelmann Volumenverkleinerung	Germany	Verbrennungskraftmaschine mit Kraftstoffhochdruckpumpe	Examined	5/11/2008	102008056001.4	06 mei 2010	102008056001			
Case 41 Lpdi - Compressed Result FSUS	The Netherlands	Compressed result system in FSU	Granted (active)	21/01/2013	2008203				6/08/2013	2008203

Reference	Country	Short title	Status	Filing Date	Filing Number	Pub/Adv Date	Pub/Adv Number	National/ regional entry no.	Grant/Reg Date	Grant/Reg Number
Case 42 (pdi - HDF bypass for LPG	The Netherlands	Low pressure LPG, Higher pressure HD pumped petrol	Granted (active)	11/03/2013	2038803	20 nov 2013	2038803		12/11/2013	2038803
Case 44 (pdi HPP with diaphragm	The Netherlands	high pump inlet membraam	Granted (active)	24/05/2013	2039861				1/13/2014	2039861
Case 45 Liquidsi - foldable buffer II	The Netherlands	Foldable Buffer II	Granted (active)	16/08/2012	2028328				18/02/2014	2028328
Case 45 Liquidsi - foldable buffer II	EP	Assembly for buffering a liquefied petroleum gas in a liquefied petroleum gas storage and storage bag therefore	Filed	16/08/2013	PCT/EP2013/067185	20 feb 2014	WO2014/027102	13750384.9		
Case 45 Liquidsi - foldable buffer II	US	Assembly for buffering a liquefied petroleum gas in a liquefied petroleum gas storage and storage bag therefore	Pending	16/08/2013	PCT/EP2013/067185	20 feb 2014	WO2014/027102	US14/911,116		
Case 46 Liquidsi - Adaptorring	The Netherlands	FOLDABLE BUFFER SUSPENDED FROM INTERMEDIATE FLANGE	Granted (active)	13/04/2012	NL2010693				27/10/2014	NL2010693
Case 46 Liquidsi - Adaptorring	WO	FOLDABLE BUFFER SUSPENDED FROM INTERMEDIATE FLANGE	Filed	3/04/2014	PCT/EP2014/056862	30 okt 2014	WO2014/173646			