

12 Documents

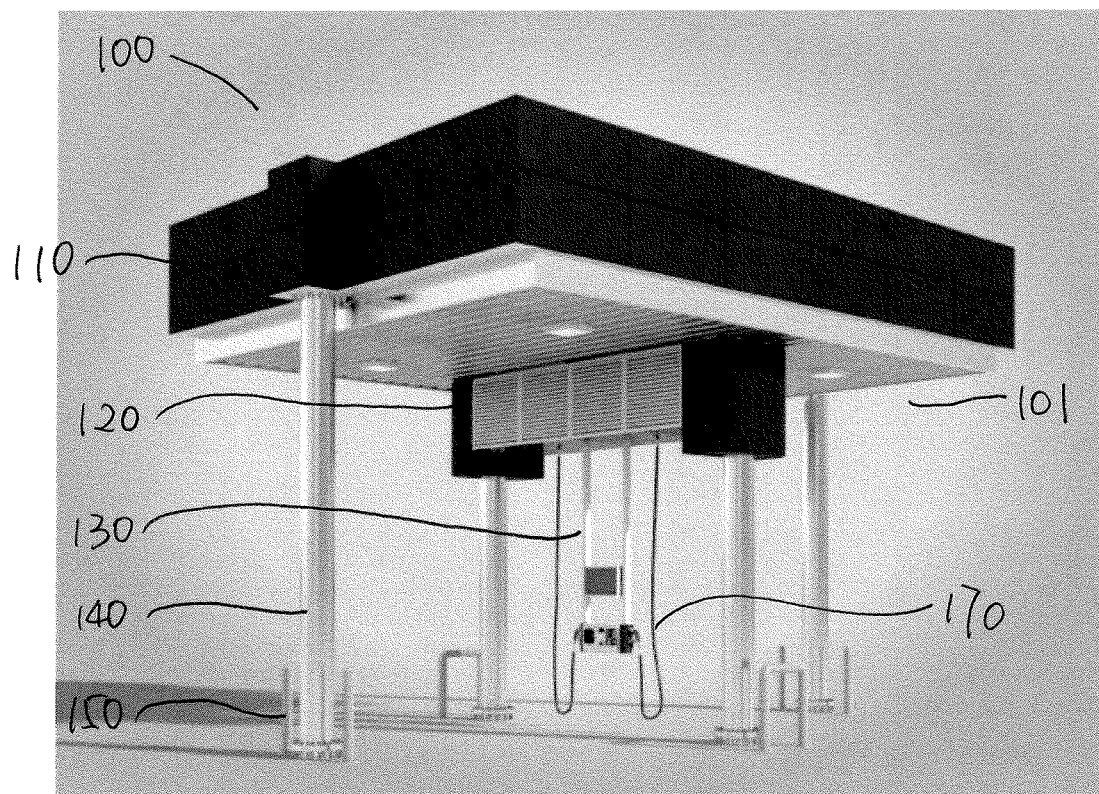
Publication numbers	Title	Current assignees
EP3452342 A1	Fuel distribution station	CAPAT
WO201932492 A1	Fuel distribution station	CAPAT
EP3526128 A1	System and method for storing liquid and gaseous fuels	CAPAT
EP2729330 A1	Mobile fuel distribution station	CAPAT
EP2720974 A1	Mobile fuel distribution station	CAPAT
US4901748 A	Filling station structure	SHOTMEYER ALBERT
US20130175201 A1	Mobile fuel distribution system	CAPAT
EP2721224 A1	Method of assembling a modular commercial unit	CAPAT
US4986446 A	Service station improvements	SOUTHWEST CANOPY
EP2173654 A1	Fuel dispensing	FUJI FUELS
EP-846651 A1	Fuel dispenser with suspended fueling nozzle	TATSUNO
CN105668499 A	Suspension-type fuel dispenser	JIANGYIN FUREN HIGH TECHNOLOGY

Family 1/12 - FAMPAT - ©Questel

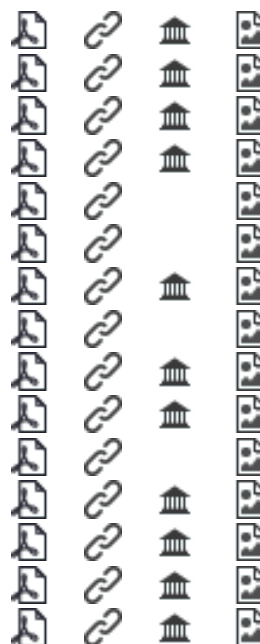
Title

(EP3452342)

Fuel distribution station

Images**Publication numbers with kind code & date**

BR112018016340	A2	2019-04-30	BR112018016340
BR112018016340	A1	2019-04-09	BR112018016340
EP3452342	A1	2019-03-13	EP3452342
JP2019506342	A	2019-03-07	JP2019506342
PH12018550128	A1	2019-02-27	PH12018550128
PE19282018	A1	2018-12-13	PE201801928
IN201817030756	A	2018-12-07	IN201817030756
MX2018009698	A	2018-11-29	MX2018009698
CN108778861	A	2018-11-09	CN108778861
KR20180117633	A	2018-10-29	KR20180117633
CO2018008868	A2	2018-08-31	CO2018008868
AU2017217389	A1	2018-08-30	AU2017217389
CA3014291	A1	2017-08-17	CA3014291
WO2017/139312	A1	2017-08-17	WO2017139312
US20170225938	A1	2017-08-10	US20170225938

**Abstract**

(EP3452342)

An environmentally friendly fuel distribution station includes an upper canopy, said upper canopy including a fuel tank and an outer shell enclosing said fuel tank, and a fuel distribution interface suspended from said upper canopy, said fuel distribution interface selectively distributing fuel from said fuel tank during a fueling operation.

Inventors

CAJIGA JOSE

VILLAR ARTURO

VILLAR VICENTE

CAJIGA ALEXANDRA

Latest standardized assignees - inventors removed

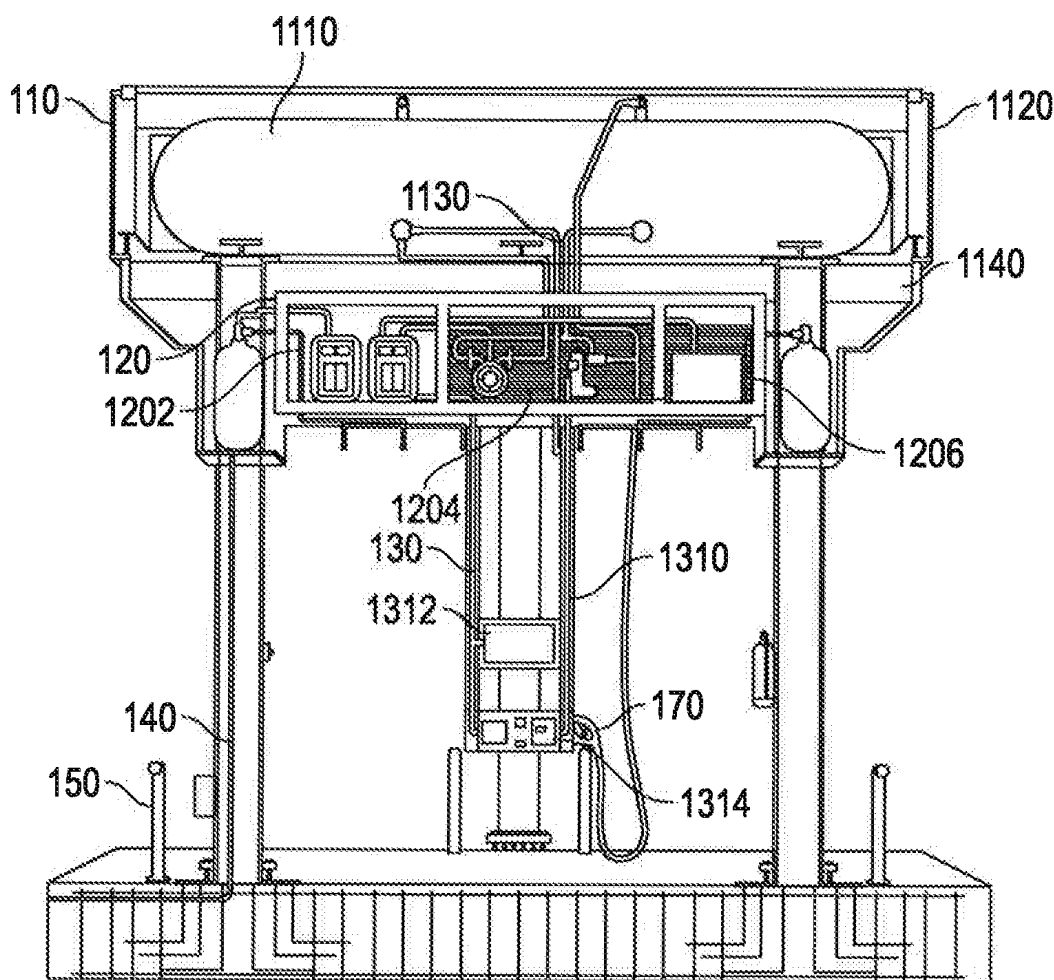
CAPAT

Family 2/12 - FAMPAT - ©Questel

Title

(WO201932492)

Fuel distribution station

Images**Publication numbers with kind code & date**[US20190071301](#) A1 2019-03-07 US20190071301[WO2019/032492](#) A1 2019-02-14 WO201932492**Abstract**

(WO2019/032492)

An environmentally friendly fuel distribution station includes an upper canopy, said upper canopy including a fuel tank and an outer shell enclosing said fuel tank, a plurality of supporting columns supporting said upper canopy and said fuel tank, a fuel distribution interface suspended from said upper canopy, said fuel distribution interface selectively distributing fuel from said fuel tank during a fueling operation, and a convenience store suspended from at least one of the upper canopy and one or more of the plurality of supporting columns.

Inventors

CAJIGA JOSE A

VILLAR ARTURO CAJIGA

VILLAR VICENTE CAJIGA

CAJIGA ALEXANDRA

Latest standardized assignees - inventors removed

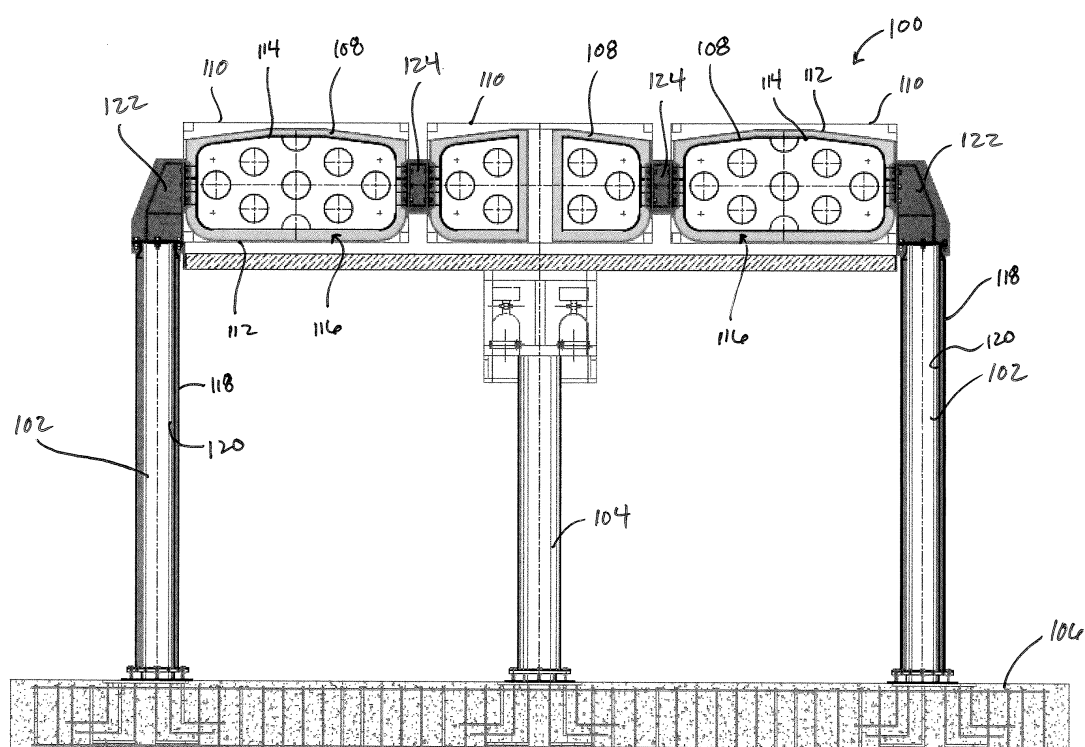
CAPAT

Family 3/12 - FAMPAT - ©Questel

Title

(EP3526128)

System and method for storing liquid and gaseous fuels

Images**Publication numbers with kind code & date**

IN201927015455	A	2019-09-06	IN201927015455
CN110167846	A	2019-08-23	CN110167846
EP3526128	A1	2019-08-21	EP3526128
BR112019007387	A1	2019-07-02	BR112019007387
WO2018/071515	A1	2018-04-19	WO201871515
US20180100622	A1	2018-04-12	US20180100622

**Abstract**

(EP3526128)

A system for storing fuel includes a support structure supporting at least one fuel tank a predetermined distance above ground. The fuel tank includes an inner tank configured to contain a gaseous fuel, an intermediate tank encompassing the inner tank and defining a first annular space therebetween, and an outer tank encompassing the intermediate tank and defining a second annular space therebetween. The first annular space is filled with a shock-absorbing resin for absorbing structural stresses, while the second annular space is filled with an insulating material providing for fire and ballistic resistance. The intermediate tank is connected to the support structure and to at least one adjacent fuel tank, and prevents the transfer of load to the inner tank.

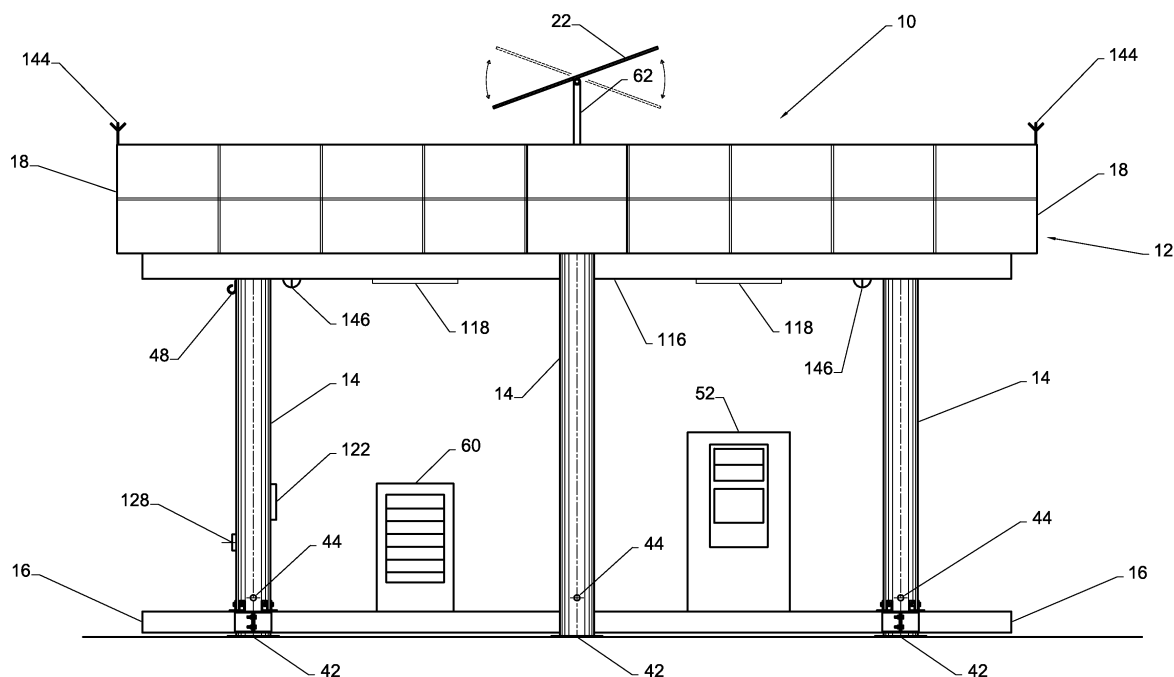
Inventors

CAJIGA ALEXANDRA

CAPAT

Mobile fuel distribution station

Images



HUE041431	T2	2019-05-28	HUE041431
PL2729330	T3	2019-01-31	PL2729330
RS57939	B1	2019-01-31	RS--57939
SI2729330	T1	2018-12-31	SI2729330T
HRP20181724	T1	2018-12-28	HRP20181724
ES2694414	T3	2018-12-20	ES2694414
DK2729330	T3	2018-11-26	DK2729330T
LT2729330	T	2018-11-26	LT2729330
TR201815857	T4	2018-11-21	TR201815857
EP2729330	B1	2018-08-08	EP2729330
CN103687762	B	2018-07-31	CN103687762B
BR112013033081	A2	2017-11-28	BR112013033081
JP5793244	B2	2015-08-14	JP5793244
EP2729330	A4	2015-04-08	EP2729330
IN0237/CHENP/2014	A	2014-09-26	IN2014CN00237
JP2014524865	A	2014-09-25	JP2014524865
AR088742	A1	2014-07-02	AR--88742
EP2729330	A1	2014-05-14	EP2729330



BR112013033081	A1	2014-05-13	BR112013033081
CN103687762	A	2014-03-26	CN103687762
WO2013/006249	A4	2013-02-28	WO201306249
WO2013/006249	A1	2013-01-10	WO201306249
US8176931	B1	2012-05-15	US8176931



Abstract

(EP2729330)

A modular, environmentally friendly mobile fuel distribution station includes a fuel tank, a support structure having a plurality of legs for supporting an operation platform in an elevated position a predetermined distance above ground, an alternative power generation device, the alternative power generation device being one of a solar power generator and a wind power generator for providing primary power to the mobile fuel distribution station and a central platform operatively connected to at least two of the legs, the at least two of the legs bearing the weight of the central platform, wherein the fuel tank and the alternative power generation device are disposed on the operation platform.

Inventors

CAJIGA JOSE

VILLAR ARTURO CAJIGA

VILLAR VICENTE CAJIGA

Latest standardized assignees - inventors removed

CAPAT

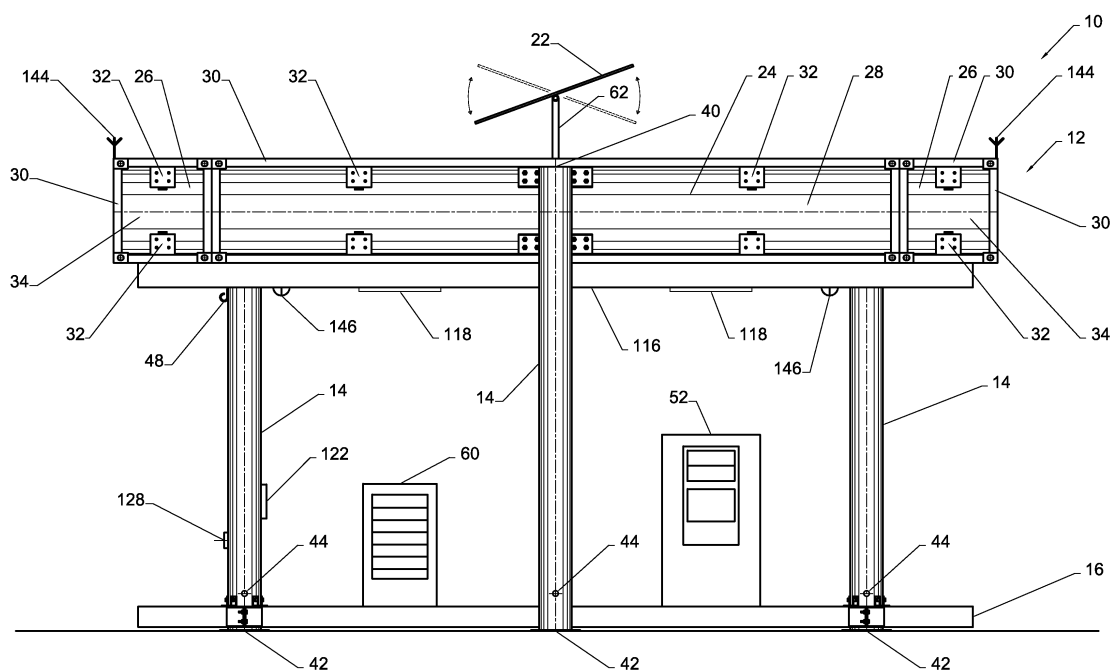
Family 5/12 - FAMPAT - ©Questel

Title

(EP2720974)

Mobile fuel distribution station

Images



Publication numbers with kind code & date

EP2720974	B1	2019-09-25	EP2720974
CA2839502	C	2017-04-18	CA2839502
US9566953	B2	2017-02-14	US9566953
BR112013032898	A2	2017-01-24	BR112013032898



CN103648966	B	2016-12-21	CN103648966B				
US9403511	B2	2016-08-02	US9403511				
TH154121	A	2016-07-06	TH-154121				
EP2720974	A4	2016-03-30	EP2720974				
KR101599264	B1	2016-03-03	KR101599264				
RU2575764	C2	2016-02-20	RU2575764				
US20160023639	A1	2016-01-28	US20160023639				
MX336144	B	2016-01-08	MX-336144				
US9181078	B2	2015-11-10	US9181078				
JP5789048	B2	2015-08-07	JP5789048				
RU2014101043	A	2015-07-27	RU2014101043				
AU2012273285	B2	2015-07-23	AU2012273285				
US20150013839	A1	2015-01-15	US20150013839				
US20150013840	A1	2015-01-15	US20150013840				
PE18312014	A1	2014-11-29	PE201401831				
JP2014525862	A	2014-10-02	JP2014525862				
ZA201309563	B	2014-09-25	ZA201309563				
CL2013003642	A1	2014-07-11	CL3642201300				
BR112013032898	A1	2014-05-13	BR112013032898				
MX2013014947	A	2014-04-30	MX2013014947				
VN37503	A	2014-04-25	VN--37503				
EP2720974	A1	2014-04-23	EP2720974				
CN103648966	A	2014-03-19	CN103648966				
KR20140033200	A	2014-03-17	KR20140033200				
IN3717/KOLNP/2013	A	2014-02-28	IN2013KN03717				
CO6852040	A2	2014-01-30	CO6852040				
AU2012273285	A1	2014-01-23	AU2012273285				
CA2839502	A1	2012-12-27	CA2839502				
WO2012/177451	A1	2012-12-27	WO2012177451				
US20120318406	A1	2012-12-20	US20120318406				

Abstract

(EP2720974)

A modular, environmentally friendly mobile fuel distribution station includes a fuel tank, a support structure having a plurality of legs for supporting an operation platform in an elevated position a predetermined distance above ground, an alternative power generation device, the alternative power generation device being one of a solar power generator and a wind power generator for providing primary power to the mobile fuel distribution station and a central platform operatively connected to at least two of the legs, the at least two of the legs bearing the weight of the central platform, wherein the fuel tank and the alternative power generation device are disposed on the operation platform.

Inventors

CAJIGA JOSE

CAJIGA VILLAR ARTURO

CAJIGA VILLAR VICENTE

Latest standardized assignees - inventors removed

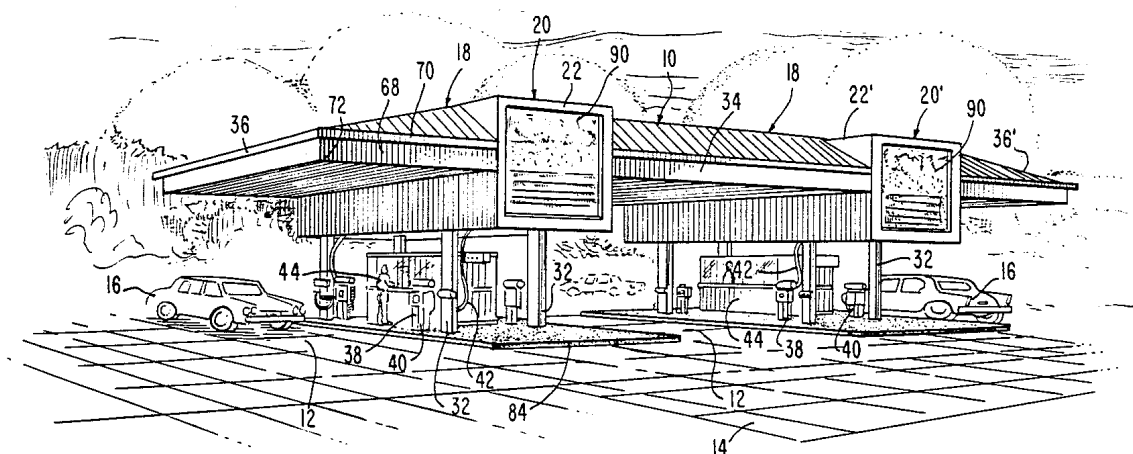
CAPAT

Family 6/12 - FAMPAT - ©Questel

Title

(US4901748)

Filling station structure

Images**Publication numbers with kind code & date**

US4901748	A	1990-02-20	US4901748
JPS6150855	A	1986-03-13	JP61050855
NL8501388	A	1985-12-16	NL8501388

**Abstract**

(US4901748)

A filling station structure includes a canopy for covering a vehicle refueling area. A pair of fuel storage vessels are elevated above the ground and contain separate tanks for holding fuel to be dispensed to the vehicles. The fuel storage vessels are contiguous with the canopy to form an integrated, covered filling station with above-ground, elevated tanks.

Inventors

SHOTMEYER ALBERT

Latest standardized assignees - inventors removed

SHOTMEYER ALBERT

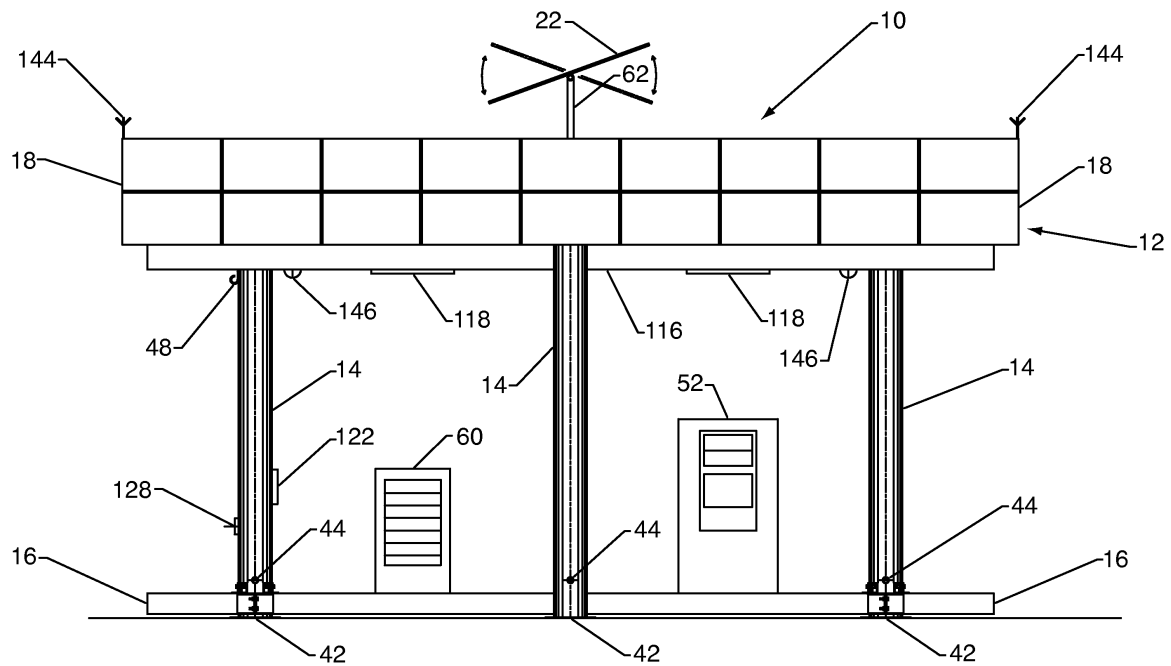
Family 7/12 - FAMPAT - ©Questel

Title

(US8573242)

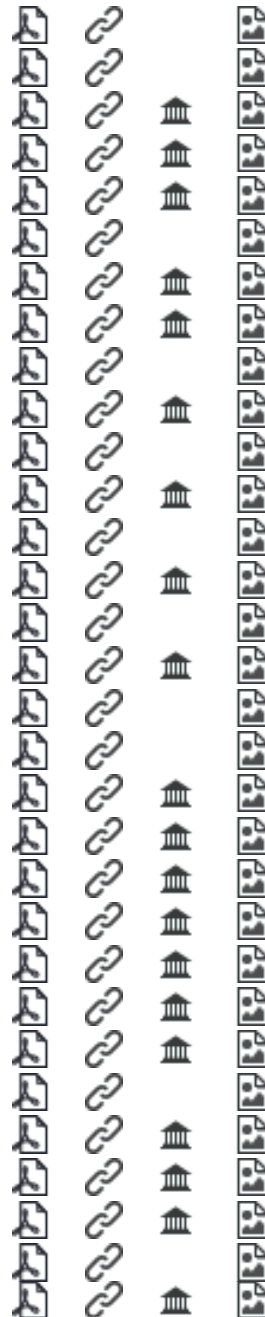
Mobile fuel distribution system

Images



Publication numbers with kind code & date

MY165855	A	2018-05-18	MY-165855
TH58905	B	2017-11-13	TH--58905B
BR112013032900	A2	2017-01-24	BR112013032900
AU2012273288	B2	2016-05-12	AU2012273288
CN103688002	B	2016-02-03	CN103688002B
RU2572581	C2	2016-01-20	RU2572581
KR101577619	B1	2015-12-15	KR101577619
CA2839245	C	2015-11-17	CA2839245
TH143405	A	2015-10-12	TH-143405
EP2721224	A4	2015-08-26	EP2721224
RU2014100790	A	2015-07-27	RU2014100790
JP5767405	B2	2015-06-26	JP5767405
ZA201309562	B	2015-04-29	ZA201309562
US8959774	B2	2015-02-24	US8959774
PE18302014	A1	2014-11-29	PE201401830
JP2014527128	A	2014-10-09	JP2014527128
CL2013003643	A1	2014-07-11	CL3643201300
VN37793	A	2014-05-26	VN--37793
BR112013032900	A1	2014-05-13	BR112013032900
US20140123467	A1	2014-05-08	US20140123467
EP2721224	A1	2014-04-23	EP2721224
CN103688002	A	2014-03-26	CN103688002
US8667690	B2	2014-03-11	US8667690
IN3720/KOLNP/2013	A	2014-02-28	IN2013KN03720
KR20140022438	A	2014-02-24	KR20140022438
CO6852039	A2	2014-01-30	CO6852039
AU2012273288	A1	2014-01-23	AU2012273288
CA2839245	A1	2012-12-27	CA2839245
WO2012/177454	A1	2012-12-27	WO2012177454
MX2011010600	A	2012-12-20	MX2011010600



[US20120317777](#)

A1 2012-12-20 US20120317777

Abstract

(EP2721224)

A method of constructing a modular, commercial unit includes arranging components of said commercial unit in separate modules, each of the separate modules having a frame assembly. The modules are then transported to a predetermined location where certain of said separate modules are connected together, via the frame assemblies, to form an operation superstructure. The components are not removed from the separate modules prior to the separate modules being connected via their respective frame assemblies.

Inventors

CAJIGA JOSE

VILLAR ARTURO CAJIGA

VILLAR VICENTE CAJIGA

Latest standardized assignees - inventors removed

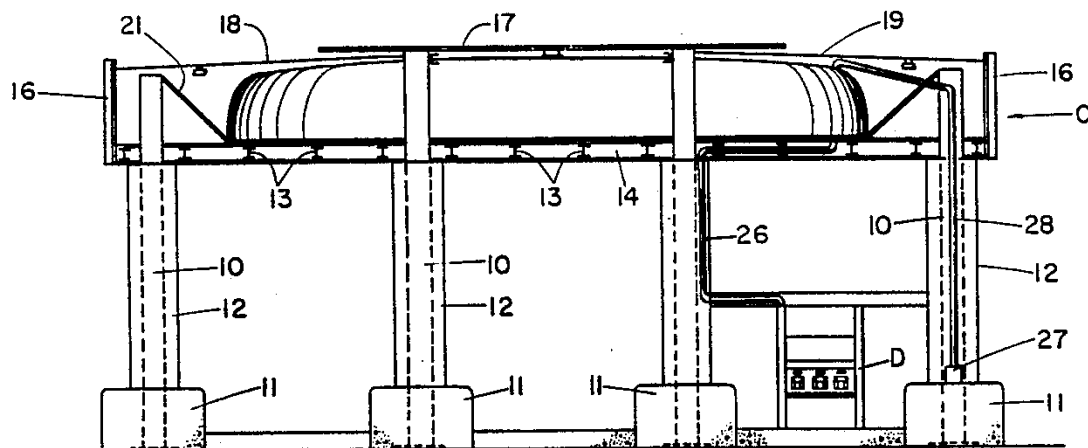
CAPAT

Family 9/12 - FAMPAT - ©Questel

Title

(US4986446)

Service station improvements

Images**Publication numbers with kind code & date**[US4986446](#)

A 1991-01-22 US4986446

**Abstract**

(US4986446)

Service station for dispensing fuel to vehicles from fuel dispensers connected by fluid conduits to one or more fuel storage tanks characterized in that the fuel storage tanks are self-contained, flexible and collapsible bladder type tanks supported in an elevated position above the fuel dispensers and the vehicles to which fuel is to be dispensed. An open top containment vessel may also be supported at an elevated position and into which the bladder type tanks may be preferably lowered for non-attached disposition therein.

Inventors

MONTGOMERY JERRY A

PARKHURST LARRY S

Latest standardized assignees - inventors removed

SOUTHWEST CANOPY

Family 10/12 - FAMPAT - ©Questel

Title

(EP2173654)

Fuel dispensing

Images

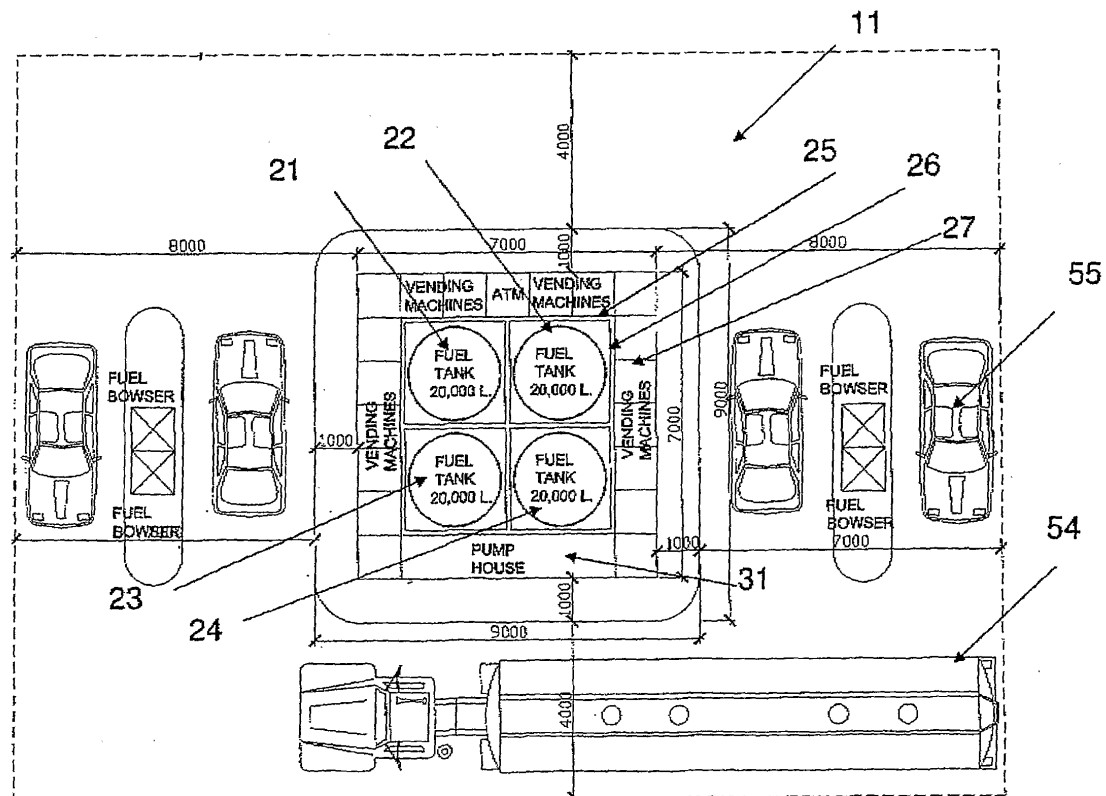


FIGURE 4

Publication numbers with kind code & date

CN101790489	B	2015-02-11	CN101790489B
EP2173654	B1	2013-05-08	EP2173654
EP2173654	A4	2012-02-29	EP2173654
IN0072/MUMNP/2010	A	2010-08-06	IN2010MN00072
CN101790489	A	2010-07-28	CN101790489
EP2173654	A1	2010-04-14	EP2173654
MX2009013734	A	2010-03-01	MX2009013734
WO2008/151375	A9	2009-02-26	WO2008151375
AU2008261615	A1	2008-12-18	AU2008261615
CA2702254	A1	2008-12-18	CA2702254
WO2008/151375	A1	2008-12-18	WO2008151375



Abstract

(EP2173654)

A fuel dispensing system including a plurality of bowsters for dispensing one of a plurality of different fuels, wherein at least one of the bowsters is connected to fuel dispensing means leading from a plurality of fuel tanks for providing a metered mixture of two fuels including providing metering means for metering two separate fuels for combination in a mixing chamber, a mixing means for substantially homogenising the combined fuels and a dispensing means for dispensing the homogenised combined fuels through the bowster.

Inventors

MITROPOULOS NICKOLAOS

Latest standardized assignees - inventors removed

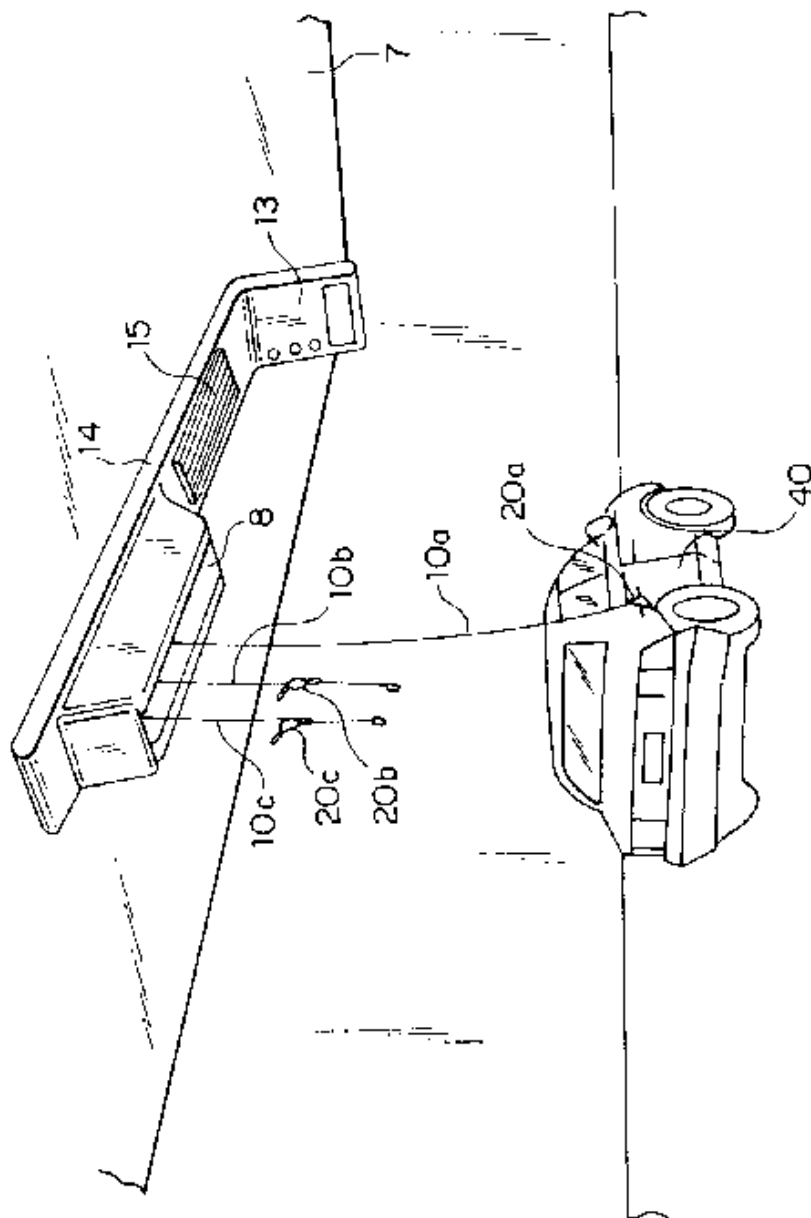
FUJI FUELS

Family 11/12 - FAMPAT - ©Questel

Title

(EP-846651)

Fuel dispenser with suspended fueling nozzle

Images**FIG. 1****Publication numbers with kind code & date**

DE69720659	T2	2004-04-29	DE69720659
ES2196267	T3	2003-12-16	ES2196267
DE69720659	D1	2003-05-15	DE69720659
EP0846651	B1	2003-04-09	EP-846651



US5954102	A	1999-09-21	US5954102				
KR100221446	B1	1999-09-15	KR100221446				
KR19980063641	A	1998-10-07	KR19980063641				
JPH10167397	A	1998-06-23	JP10167397				
EP0846651	A1	1998-06-10	EP-846651				

Abstract

(EP0846651)

A suspended type fueling system of the present invention is composed of an oil reservoir, fueling tube (1), fueling hose (10) with a nozzle (20), pump (2) on the fueling tube (1), pump motor (3) for driving the pump (2), flow-meter (4), control unit (30), fueling operation unit (21) on the fueling nozzle (20). The fueling tube (1) is connected to the oil reservoir underground at one end and to the fueling hose (10) at the other end. The fueling tube (1) is extended overhead and drawn to a lower part therefrom. The fueling operation unit (21) contains an indication member (23) for indicating fueling data measured by the flow meter (4), a nozzle ascent-descent switch (22a) for transmitting a nozzle ascent and descent signals to the control unit (30), and a combined-use-switch (22b) for suspending oil discrimination and performing rounding off fueling. <IMAGE>

Inventors

SATO YOSHIYUKI

FUKUMOTO SHOICHI

TERAHARA YOSEI

Latest standardized assignees - inventors removed

TATSUNO

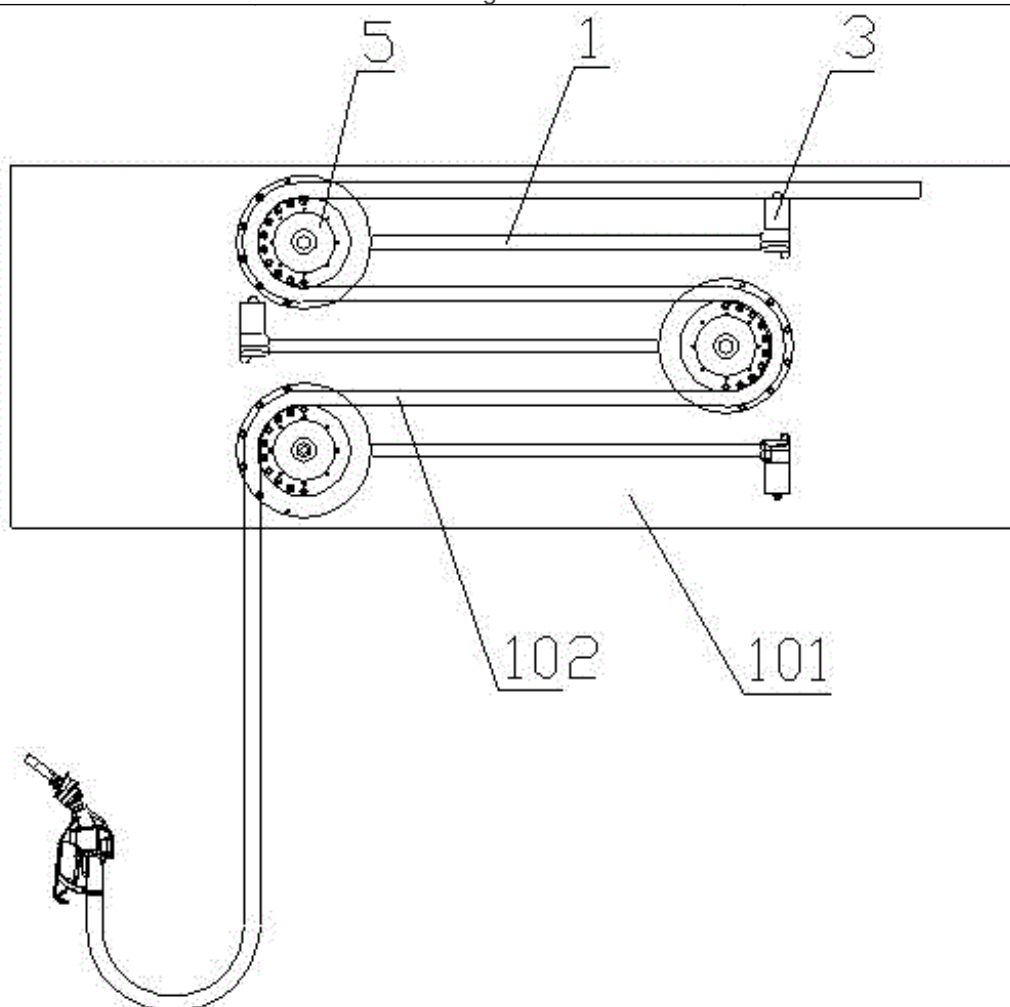
Family 12/12 - FAMPAT - ©Questel

Title

(CN105668499)

Suspension-type fuel dispenser

Images



Publication numbers with kind code & date

CN105668499	B	2017-12-05	CN105668499B
CN105668499	A	2016-06-15	CN105668499



Abstract

(CN105668499)

The invention relates to a suspension-type fuel dispenser. The fuel dispenser comprises a tank (101) and a rubber hose releasing mechanism arranged in the tank (101); the rubber hose releasing mechanism comprises at least one group of push rod mechanisms; each push rod mechanism comprises a support (1); a screw (2) is arranged along a length direction in each support (1) in an erecting manner; each screw (2) is driven to rotate by a motor arranged on the corresponding support (1) or driven to rotate in other ways; a slider (4) is glidingly arranged along the length direction of each support (1); each slider (4) is rotatably arranged on the corresponding screw; each slider (4) is provided with a roller (5); and a rubber hose (102) of the fuel dispenser is wound on the rollers (5). The suspension-type fuel dispenser disclosed by the invention

has the advantages that the structure is simple, use is convenient and later-stage maintenance is convenient.

Inventors

XU DONGCHENG

HUANG RUIJUAN

ZHUANG LEI

REN DOU

Latest standardized assignees - inventors removed

JIANGYIN FUREN HIGH TECHNOLOGY