

Search history

Search 1: TAC=(hopper and container and proppant) (Results 25)

Title: METHOD AND SYSTEM FOR DISTRIBUTING MEDIA CONTENT

Abstract: Source: US2010071014A A system that incorporates teachings of the present disclosure may include, for example, a set-top box operating from an interactive television (ITV) communication system having a controller to receive from the ITV communication system media content with metadata, record the media content, detect in the metadata a description of the media content correlating with one or more preferences in a preference profile, present at a media presentation device a first prompt requesting an acceptance or rejection of the media content, present at the media presentation device a second prompt requesting a selection of one or more communication devices to direct in whole or in part the media content thereto, detect the selection of at least one of the one or more communication devices, and transmit in whole or in part the media content to the at least one communication device. Other embodiments are disclosed.

Classifications:

International (IPC 8-9): B60P1/36 B60P1/52 B60P1/56 B60P1/64 B61D3/08 B61D3/20 B61D45/00 B61F1/12 B61F1/14 B65D25/08 B65D43/12 B65D6/00 B65D81/00 B65D83/06 B65D88/02 B65D88/12 B65D88/22 B65D88/26 B65D88/28 B65D88/30 B65D88/32 B65D88/38 B65D88/52 B65D88/54 B65D88/56 B65D88/70 B65D90/00 B65D90/02 B65D90/10 B65D90/12 B65D90/14 B65D90/20 B65D90/34 B65D90/54 B65D90/58 B65D90/60 B65D90/62 B65D90/66 B65G3/00 B65G47/18 B65G47/19 B65G57/09 B65G57/14 B65G57/20 B65G65/23 B65G65/30 B65G65/32 B65G65/40 B65G65/42 B65G67/02 B65G67/04 B65G67/08 B65G67/24 B65G69/18 B66C19/00 E21B41/00 E21B43/267 F17C13/08 F17D1/00 G06F11/30 G06F11/36 G06F21/00 G06F21/10 G06F21/24 G06F3/0482 G06F3/0484 G06Q10/06 G06Q10/08 G06Q50/28 H04L29/06 H04N21/235 H04N21/45 H04N21/4627 H04N21/472 H04N21/4788 H04N21/482 H04N21/488 H04N21/61 H04N21/643 H04N21/81 H04N5/445 H04N7/173 (Advanced/Invention);

B65G15/42 B65G63/00 E21B43/26 (Advanced/Non-invention); H04N7/173 (Core/Invention)

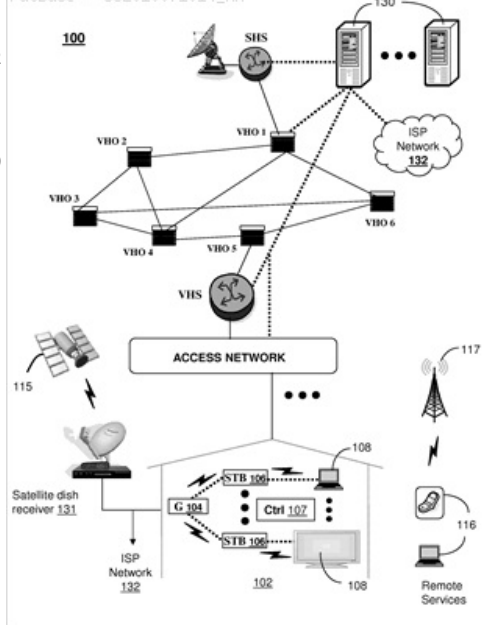
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European: H04N21/45M3 H04N21/4627 H04N21/4788 H04N21/488M H04N21/81C H04N7/173

US: 1/1 137/1 137/268 141/4 166/280.1 198/311 198/540 198/541 198/546 206/221 220/23.83 220/23.91 220/345.1 220/565 220/601 222/181.1 222/462 222/544 379/142.16 410/68 414/288 414/304 414/325 414/373 414/407 414/408 414/411 414/414 414/507 414/518 414/528 414/792.7 414/802 414/808 414/810 709/217 715/723 725/110 725/110P 725/131 725/131S 725/133 725/141 725/153 725/25 725/38 725/41 725/43 725/46 725/80 726/1 726/27 D12/101 D12/42

Locarno class: 12/03 12/10

PatBase - US2010071014_AA

**Family:**

Publication number	Publication date	Application number	Application date
AR099458 AA	20160727	AR2015P100326	20150205
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Probable Assignee: OREN TECHNOLOGIES LLC

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Inventor(s): (std): BROWN WILLIAM A ; HILL N PETER ; HILL NICHOLAS PETER ; JOHN OREN ; JOSHUA OREN ; OREN JOHN ; OREN JOSHUA

Inventor(s): OREN JOSHUAUS ; OREN JOHNUS

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; MAURICIO PINZON PINZON; SILVANA MARIA LOPEZ DIAZ; HGF LTD; AT AND T LEGAL DEPARTMENT - AS,ATTN: PATENT DOCKETING; AT AND T LEGAL DEPARTMENT ATTN PATENT DOCKETING AS; GUNTIN MELES AND GUST PLC; ED; EGBERT LAW OFFICES PLLC; GUNTIN AND GUST PLC; HOGAN LOVELLS US LLP; EGBERT JOHN S; WHITTLE JEFFREY S ET AL; WHITTLE JEFFREY S

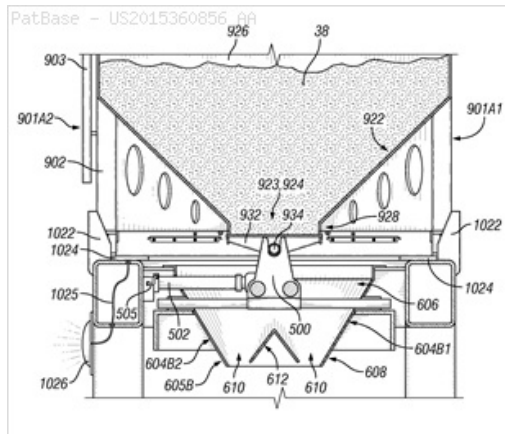
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Title: METHODS AND SYSTEMS TO TRANSFER **PROPPANT** FOR FRACKING WITH REDUCED RISK OF PRODUCTION AND RELEASE OF SILICA DUST AT A WELL SITE

Abstract: Source: US2015360856A Embodiments of methods and systems of transferring **proppant** for fracking to reduce risk of production and release of silica dust at a well site are provided. An embodiment of a method can include positioning a plurality of **containers** each having **proppant** for fracking contained therein onto a conveyor at a well site, downwardly discharging **proppant** from each respective **container** of the plurality of **containers**, funneling **proppant** from the one or more outlets of each of the plurality of **containers** through a plurality of conveyor **hoppers**, receiving **proppant** onto the conveyor belt, conveying **proppant** on the conveyor to a chute, and depositing the **proppant** into the chute for use in a blender or other location at the well site.

Classifications:

International (IPC 8-9): B65D19/06 B65D19/38 B65D19/44 B65D21/02 B65D81/00 B65D83/06 B65D85/00 B65D88/02 B65D88/26 B65D88/28 B65D88/30 B65D88/32 B65D90/02 B65D90/12 B65D90/20 B65D90/54 B65D90/58 B65G11/02 B65G11/20 B65G15/28 B65G15/30 B65G15/58 B65G17/12 B65G47/02 B65G47/18 B65G47/19 B65G47/74 B65G63/00 B65G65/00 B65G65/30 B65G65/40 B65G65/42 B65G69/18 E21B43/267 F16M11/04 (Advanced/Invention); B65G15/42 B65G41/00 (Advanced/Non-invention)
CPC: B65G65/30 F16M11/04 B65D2581/00 B65D2585/00 B65D2588/54 B65G69/181 B65G65/42 B65D90/54 B65D83/06 B65G15/30 B65G15/58 B65D90/587 B65G15/42 B65G41/006 B65G69/185 B65D19/06 B65D19/385 B65D21/0201 B65D85/70 B65D2519/00273 B65D2519/00323 B65D2519/00532 B65D88/30 B65D2590/0091 B65D90/0033 B65D90/125 B65D88/32 B65G47/19 B65G65/425
US: 1/1 206/386 220/23.91 248/146 414/403 414/411 414/414 414/808 414/810



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: OREN TECHNOLOGIES LLC

Assignee(s): (std): OREN TECH LLC ; OREN TECHNOLOGIES LLC

Assignee(s): BNP PARIBAS ; OREN JOHN ; OREN JOSHUA

Inventor(s): (std): JOHN OREN ; JOSHUA OREN ; OREN JOHN ; OREN JOSHUA

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; MAURICIO PINZON PINZON; HGF LTD; HOGAN LOVELLS US LLP; WHITTLE JEFFREY S

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: **PROPPANT** STORAGE VESSEL AND ASSEMBLY THEREOF

Abstract: Source: US2013161211A A **proppant** storage vessel has a first **container** with an interior volume, and a second **container** supported in spaced relation above the first **container**. The first **container** has a bottom hatch affixed to a bottom wall thereof. The bottom hatch is movable between an open position and a closed position. The first **container** has an opening at a top wall thereof. The second **container** has bottom hatch formed on a bottom wall thereof. The bottom hatch of the second **container** is aligned with the opening of the first **container** such that a **proppant** in the second **container** can flow through the hatch thereof into the interior volume of the first **container**. Each of the **containers** includes first, second, third and fourth inclined surfaces positioned in the interior volume and extending from the respective side walls and end walls thereof toward the bottom hatch.

Classifications:

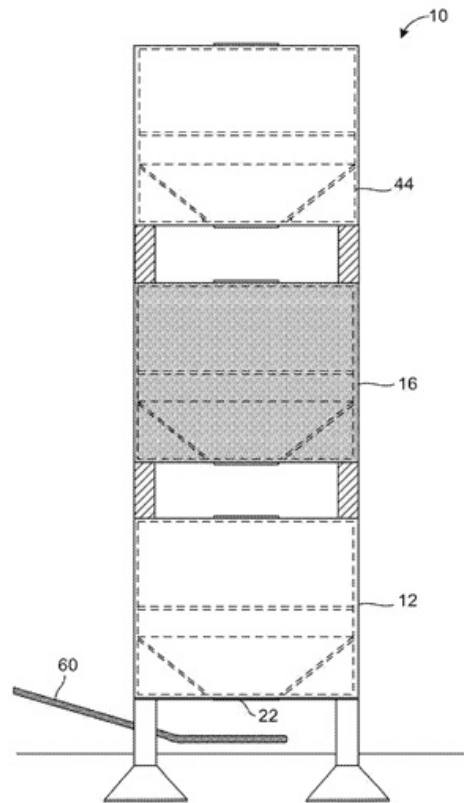
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B65D88/12 B65G57/00 (Advanced/Non-invention)

CPC: B65D88/128 B65D90/00 B65D90/587 B65D88/32 B65G65/23 B65G57/20 B65G67/24 B65D90/14 G06Q50/28 B60P1/52 B60P1/56 B61B1/005 B65D88/70 B65D90/008 B65D90/34 G06Q10/06316 B65G65/32 B65G65/42 B65G67/04 B60P3/00 B65D90/02 B65D90/12 B65G65/40 B65G57/09 B65D88/542 B65G57/02 B65G67/02 B65D90/54 B65G2203/0216 B60P1/6418 B65G65/00 B65D2588/12 B65D2588/54 B65G57/00 B65D90/10 B65D88/022 B65D25/08 B61D7/02 B65G65/34 E21B43/26 E21B41/00 B65D88/12 B65D88/26 E21B43/267 B65D88/56 B65G63/008 B65G57/03 B65G65/30 B65D88/54

US: 1/1 141/1 141/2 206/221 220/260 220/565 220/601 220/646 222/143 222/185.1 222/462 222/561 414/518 414/529 414/800 414/802 414/809 414/810 414/812

PatBase - US2013161211_AA



Family:

Publication number	Publication date	Application number	Application date
AU2013235292 AA	20130926	AU20130235292	20130318
AU2013235292 BB	20161117	AU20130235292	20130318
CA2860091 AA	20140620	CA20122860091	20121127
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EP2828185 A1	20150128	EP20130765071	20130318
EP2828185 A4	20151104	EP20130765071	20130318
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US2016001989 AA	20160107	US20150851005	20150911
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Priority:

CA20132866623	20130318	CA20162866623	20160204	US20110332937	20111221
US20120660840	20121025	US20120427140	20120322	EP20130765071	20130318
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Probable Assignee: OREN TECHNOLOGIES LLC

Assignee(s): (std): PINCH FLATBED LLC ; OREN TECHNOLOGIES LLC ; JOHN OREN ; OREN JOHN ; OREN TECH LLC

Assignee(s): BNP PARIBAS ; OREN JOHNP.O. BOX 60473HOUSTONTX77205US ; SANDBOX ENTERPRISES LLC ; PINCH FLATBED LLC.P.O. BOX 60473HOUSTONTX77205US ; OREN TECHNOLOGIES LLC18515 ALDINE WESTFIELDHOUSTONTX77073US

Inventor(s): (std): OREN JOHN ; OREN JOSHUA

Inventor(s): JOHN OREN ; OREN JOHNP.O. BOX 60473HOUSTONTX77205US ; OREN JOHNUS

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; BERESKIN AND PARR LLP SENCRL SRL; SILVANA MARIA LOPEZ DIAZ; HGF LTD; EGBERT LAW OFFICES PLLC; BRACEWELL AND GIULIANI LLP; HOGAN LOVELLS US LLP; EGBERT JOHN S; WHITTLE JEFFREY S

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Abstract: Source: US2013206415A A cargo container is modified to carry a fracing proppant such as sand from a quarry or source to the frac site. Openings are cut in the top and bottom of a cargo container and hydraulically operated sliding doors are placed there under. A hopper module with the walls being inclined to approximately the angle of repose for the proppant is installed inside the cargo container. The hopper module is sealed inside the cargo container so that a proppant enters through the top opening at the quarry and flows out through the bottom opening at the fracing site.

International (IPC 8-9): B23P11/00 B60P1/56 B60P1/64 B65D43/14
B65D88/00 B65D88/12 B65D88/26 B65D88/30 B65D88/32
B65D88/58 B65D90/58 B65D90/60 B65D90/62 B65D90/66 B65G1/00
B65G65/00 B65G65/30 B65G65/40 E21B41/00
E21B43/267 (Advanced/Invention)

US: 1/1 166/308.1 220/1.5 220/562 29/401.1 29/428 29/525.13
414/288 414/411 414/414 414/808 414/810 D34/28

Publication number	Publication date	Application number	Application date
CA2805469 AA	20130810	CA20132805469	20130208
US2013206415 AA	20130815	US20120370401	20120210
US2013209204 AA	20130815	US20120661198	20121026
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US9309064 BB	20160412	US20150749591	20150624
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US20150958223	20151203	US20160044872	20160216		

Assignee(s): (std): PLANT CLINTON A ; SANCAN INC ; SANDCAN INC ; SANDCAN LLC ; SHEESLEY JOHN M
Assignee(s): CAN DO LOGISTICS LLC
Inventor(s): (std): PLANT CLINTON A ; SHEESLEY JOHN M
Agent(s): FINLAYSON AND SINGLEHURST; GUNN LEE AND CAVE PC

Title: SYSTEM AND METHOD FOR DELIVERING **PROPPANT** TO A BLENDER

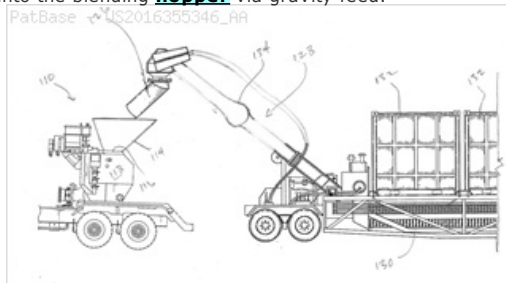
Abstract: Source: US2016355346A A system for conveying **proppant** includes a conveyor system having a conveyor belt, the conveyor belt receiving **proppant** from one or more **containers** having **proppant** stored therein distributed along the conveyor system and carrying the **proppant** away from the conveyors. The system also includes a conveyor assembly having one or more joints to enable expansion and collapse of the conveyor belt. The system further includes a **proppant** chute positioned at an end of the conveyor assembly, the **proppant** chute having an opening to direct the **proppant** from the conveyor belt into a blending **hopper**, the **proppant** chute being positioned at a higher elevation than an inlet of the blending **hopper** such that the **proppant** exits the **proppant** chute into the blending **hopper** via gravity feed.

Classifications:

International (IPC 8-9): B60P1/00 B65G11/12 B65G15/22
B65G15/24 B65G17/00 B65G17/04 B65G41/00 B65G43/08
B65G47/16 B65G47/19 B65G47/44 B65G65/30 B65G65/34
B65G65/40 B65G65/42 B66F11/00 E21B21/02 E21B27/00 E21B41/00
E21B43/267 (Advanced/Invention)

CPC: B65G43/08 B65G47/16 B65G47/44 E21B41/00 B65G41/002
B65G21/10 B65G47/19 B65G65/42 B65G15/22 E21B21/02
B65G11/126 B65G15/24

US: 414/21 414/222.01



Family:

Publication number	Publication date	Application number	Application date
AR105987 AA	20171129	AR2016P102772	20160909
US2016355346 AA	20161208	US20150854622	20150915
US2016376104 AA	20161229	US20160260371	20160909
US2017240361 AA	20170824	US20170587926	20170505
US9670752 BB	20170606	US20150854622	20150915
US9676554 BB	20170613	US20160260371	20160909
UY36900 A1	20170331	UY20160036900	20160912
WO17044680 A1	20170316	WO2016US50859	20160909

Priority:

US20140050752P 20140915 US20150217117P 20150911 US20150854622 20150915
US20160260371 20160909 US20170587926 20170505

Probable Assignee: OREN TECHNOLOGIES LLC

Assignee(s): (std): OREN TECH LLC

Assignee(s): OREN TECHNOLOGIES LLC

Inventor(s): (std): GLYNN PETER ; OREN JOSHUA ; PETER GLYNN ; JOSHUA OREN

Agent(s): HOGAN LOVELLS US LLP; WHITTLE JEFFREY S

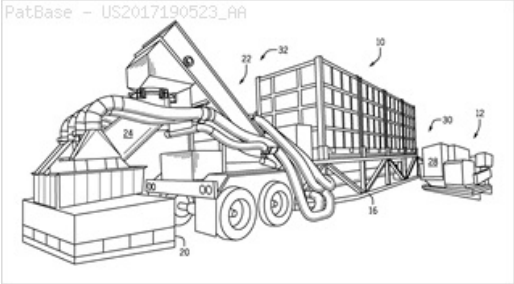
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Title: CONVEYOR WITH INTEGRATED DUST COLLECTOR SYSTEM

Abstract: Source: US2017190523A Embodiments of the present disclosure a system for capturing **proppant** dust particles when positioned at a fracking operation site including a **proppant** delivery assembly to receive one or more **containers** having **proppant** stored therein. The system dispenses the **proppant** from the one or more **containers** and delivers the **proppant** to other fracking operation equipment. Moreover, the system includes a dust collection assembly positioned proximate and associated with the **proppant** delivery assembly to capture dust particles released by movement and settling of the **proppant** when being dispensed and delivered by the **proppant** delivery assembly. The dust collection assembly is positioned to direct an air flow in a flow path overlying the dust particles to capture the dust particles and move the dust particles away from the **proppant** thereby reducing risk of dust exposure to fracking operation site personnel.

Classifications:

International (IPC 8-9): B01D45/00 B01F13/00 B07B4/00 B07B7/00 B08B15/00 B65B1/16 B65C11/00 B65G11/00 B65G15/00 B65G3/04 B65G53/24 B65G53/26 B65G65/42 B65G69/18 E21B21/015 E21B21/07 E21B41/00 E21B43/114 (Advanced/Invention); E21B43/26 E21B43/267 (Advanced/Non-invention)
CPC: B65G69/181 B65G11/00 B65G15/00 B65G53/26 B65G65/42 E21B43/267 B65G53/24 E21B41/00 E21B43/26 B65C11/00 B01F13/0037 B65G69/182 B08B1/00



Family:

Publication number	Publication date	Application number	Application date
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US2017190524 AA	20170706	US20170398950	20170105
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US2017247208 AA	20170831	US20170497253	20170426
US2017247209 AA	20170831	US20170497256	20170426
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UY37068 A1	20170731	UY20170037068	20170105
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Priority:

US20160275377P	20160106	US20170398835	20170105	US20170398950	20170105
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US20170497253	20170426	US20170497256	20170426	US20170786939	20171018

Probable Assignee: OREN TECHNOLOGIES LLC

Assignee(s): (std): OREN TECH LLC

Assignee(s): OREN TECHNOLOGIES LLC

Inventor(s): (std): BERVEILER PETE ; BOROS MARTY ; CAMPBELL COLIN ; EDWARDS MIKE ; HANSEN DAVE ; MASSALONE THOMAS ; OREN JOSHUA

Agent(s): HOGAN LOVELLS US LLP; WHITTLE JEFFREY S

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: METHOD AND APPARATUS FOR CENTRALIZED **PROPPANT** STORAGE AND METERING

Abstract: Source: US2007201305A An apparatus for manufacturing well treatment fluid is disclosed that includes a **proppant** storage and metering unit; a chemical storage and metering unit connected to a blending unit; and an electronic control system connected to the **proppant** storage and metering unit, the chemical storage and metering unit, and the blending unit; wherein the **proppant** storage and metering unit, chemical storage and metering unit, and blending unit are contained in a single land-based enclosure. A method for manufacturing well treatment fluid is disclosed that includes delivering to a blending unit a desired rate of **proppant** by weighing a **proppant** storage and metering unit storing the **proppant**; and adjusting the size of a calibrated aperture on the **proppant** storage and metering unit. A method for manufacturing multiple well treatment fluids at a single location is disclosed. Methods of monitoring the usage of well treatment components during the manufacture of well treatment components are disclosed.

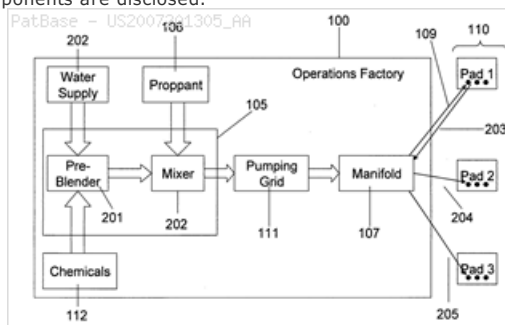
Classifications:

International (IPC 8-9): B01F15/02 E21B21/06 E21B43/16
E21B43/26 E21B43/267 E21B47/00 G06F17/00 (Advanced/Invention);
B01F15/02 E21B21/00 E21B43/16 E21B43/25 E21B47/00
G06F17/00 (Core/Invention)

CPC: E21B43/267 E21B21/062 G06Q30/0283

European: E21B21/06M E21B43/267 G06Q30/0283

US: 166/250.01 166/250.010P 166/305.1 166/305.100S 366/141
366/141P 366/160.3 366/160.300S 705/400 705/400S



Family:

Publication number	Publication date	Application number	Application date
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CA2643743 C	20110426	CA20072643743	20070227
US2007201305 AA	20070830	US20060363559	20060227
US2010038077 AA	20100218	US20090604871	20091023
WO07096660 A1	20070830	WO2007GB00677	20070227

Priority:

US20060363559 20060227 US20090604871 20091023 WO2007GB00677 20070227

Probable Assignee: HALLIBURTON ENERGY SERVICES INC

Assignee(s): (std): CURTIS PHILIP ANTHONY ; HALLIBURTON ENERGY SERV INC ; HEILMAN PAUL W ; HORINEK HERBERT JOHN ; MCNEEL LLOYD

Assignee(s): HALLIBURTON ENERGY SERVICES INC

Inventor(s): (std): HEILMAN PAUL W ; HORINEK HERBERT J ; HORINEK HERBERT JOHN ; MCNEEL LLOYD

Inventor(s): HORINEK HERBERT ; HEILMAN PAUL

Agent(s): OGILVY RENAULT LLP SENCRL SRL; JOHN W WUSTENBERG

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEM FOR PUMPING HYDRAULIC FRACTURING FLUID USING ELECTRIC PUMPS

Abstract: Source: US2014138079A A system for hydraulically fracturing an underground formation in an oil or gas well to extract oil or gas from the formation, the oil or gas well having a wellbore that permits passage of fluid from the wellbore into the formation. The system includes a plurality of electric pumps fluidly connected to the well, and configured to pump fluid into the wellbore at high pressure so that the fluid passes from the wellbore into the and fractures the formation. The system can also include a plurality of natural gas powered generators electrically connected to the plurality of electric pumps to provide electrical power to the pumps.

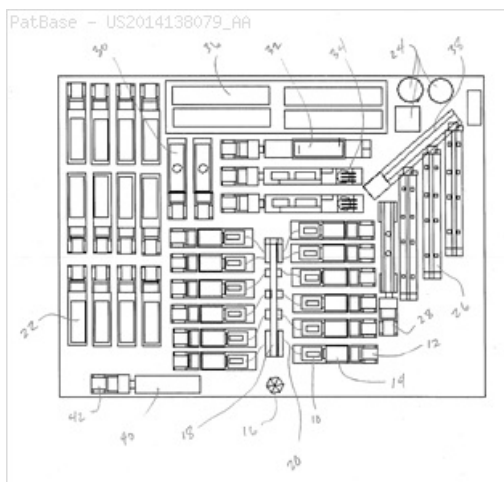
Classifications:

International (IPC 8-9): B01F15/00 B01F15/02 E21B17/20 E21B23/08 E21B29/00 E21B33/12 E21B41/00 E21B43/116 E21B43/117 E21B43/12 E21B43/26 E21B43/267 E21B47/00 F01D15/08 F01D15/10 F01D25/12 F02B43/08 F02B43/10 F02B63/04 F02C3/22 F02C7/143 F02C7/16 F02C7/22 F02C7/36 F02M21/00 F02M25/00 F02M33/00 F02M37/22 F04B15/02 F04B17/00 F04B17/03 F04B19/22 F04B23/04 F04B35/04 F04B47/00 F04B47/02 F04B49/06 F04B49/20 F04B51/00 F04B9/02 F04D13/02 F04D13/06 F04D29/044 F04D29/66 F16D3/02 F16D3/18 F16D3/64 F16F15/067 F16L55/04 F23R3/28 F24F13/30 G05B19/042 G05B19/46 H02B13/00 H02B7/06 H02J11/00 H02K7/14 H02K7/18 H02P1/30 H02P21/00 H02P23/00 H02P27/04 H02P29/02 H02P29/024 H02P5/74 H04N7/18 (Advanced/Invention);

E21B7/02 (Advanced/Non-invention)

CPC: H02P29/02 F04B47/06 G05B19/0428 G05B19/46 G05B2219/45004 G05B2219/37303 H02P1/30 B01F15/0235 B01F15/00538 B01F15/00519 F16F15/067 F16L55/041 F16F3/04 B01F2215/0081 F04B17/06 F04B23/00 F04B9/02 F04D29/044 H04N7/185 E21B43/26 E21B23/08 F04B49/065 F04B53/003 F04B47/00 F04B15/02 F04B49/06 F04B51/00 F02B43/08 F02B43/10 F02M37/22 F02B63/04 H02P21/00 H02P29/024 H02K7/1815 F02B2043/103 F02C7/143 F02C7/16 F05D2220/76 F05D2260/213 H02B7/06 E21B41/00 F04D29/66 E21B43/267 F04B37/12 F05D2220/32 F04B9/10 F04B2203/0209 F01D15/08 F01D15/10 H02K7/1823 E21B41/0085 H02P23/00 F02C3/22 F04B17/03 F04B23/04 F04B35/04 F04B47/02 F04B49/20

US: 1/1 166/177.5 166/250.01 166/308.1 166/53 166/65.1 166/66.4 175/4.57 366/183.1 417/423.1 700/283



Family:

Publication number	Publication date	Application number	Application date
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Priority:

US20120679689	20121116	US20140190982	20140226	US20150156303P	20150503
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US20150180289P	20150616	US20150180140P	20150616	US20150156307P	20150503
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Probable Assignee: US WELL SERVICES LLC

Assignee(s): (std): US WELL SERVICES LLC ; U S WELL SERVICES LLC

Assignee(s): KURTZ ROBERT ; MCPHERSON JEFF ; OEHRING JARED ; HINDERLITER BRANDON NEIL ; BROUSSARD JOEL N ; BROWN ARTHUR ; HINDERLITER BRANDON ; HINDERLITER BRANDON N

Inventor(s): (std): BROUSSARD JOEL N ; BROWN ARTHUR ; HINDERLITER BRANDON ; HINDERLITER BRANDON N ; HINDERLITER BRANDON NEIL ; KURTZ ROBERT ; MCPHERSON JEFF ; OEHRING JARED

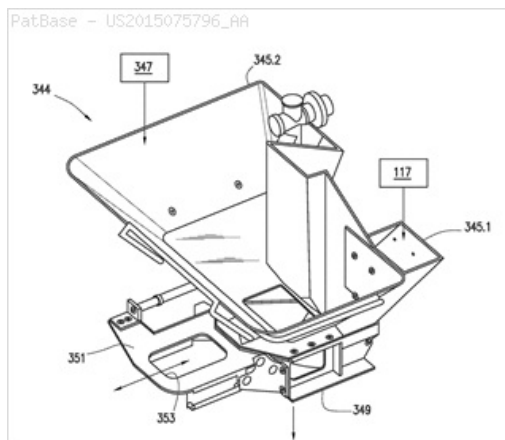
Agent(s): FINLAYSON AND SINGLEHURST; BERESKIN AND PARR LLP SENCRL SRL; BRACEWELL AND GIULIANI LLP; JEFFREY S; TAYLOR P; BRACEWELL LLP; HOGAN LOVELLS US LLP

Title: WELLSITE HANDLING SYSTEM FOR PACKAGED WELLSITE MATERIALS AND METHOD OF USING SAME

Abstract: Source: US2015075796A Systems and methods for handling wellsite packets for a wellsite are provided. The wellsite packets include soluble packaging with wellsite materials therein. The wellsite has surface equipment and downhole equipment positioned about a wellbore. The handling system includes at least one feeder, at least one mixer, at least one metering device, and a pump. The feeder moves the wellsite packets directly or indirectly into the mixer. The mixer stimulates dissolution of the soluble packaging so as to mix the wellsite materials with a fluid to form a wellsite mixture. The metering device selectively controls the number of wellsite packets moving to the mixer. The pump is operatively coupled to the mixer to pump the wellsite mixture at the wellsite.

Classifications:

International (IPC 8-9): B02C23/20 C09K8/02 E21B21/06
E21B23/00 E21B27/00 E21B27/02 E21B27/04 E21B33/13 E21B41/00
E21B43/00 E21B43/16 E21B43/267 E21B44/00 (Advanced/Invention)
CPC: E21B44/00 E21B21/062 E21B43/267 B02C23/20
US: 166/305.1 166/90.1 241/101.8 241/15



Family:

Publication number	Publication date	Application number	Application date
AR102845 AA	20170329	AR2015P103895	20151126
AU2014321516 AA	20150326	AU20140321516	20140916
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CA2979995 AA	20170915	CA20162979995	20160226
CN105264168 A	20160120	CN201480030422	20140916
DE112014004287 T5	20160623	DE201411004287T	20140916
IN07287CN2015 A	20160701	IN2015CN07287	20151124
MX2015015942 A1	20160406	MX20150015942	20140916
RU2015151164 A	20170605	RU20150151164	20140916
US2015075796 AA	20150319	US20130030711	20130918
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US9593565 BB	20170314	US20130030711	20130918
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Priority:

US20130030711 20130918 US20150661709 20150318 WO2014US55725 20140916
WO2016US19707 20160226

Probable Assignee: SCHLUMBERGER TECHNOLOGY CORP

Assignee(s): (std): PRAD RES AND DEV LTD ; SCHLUMBERGER CA LTD ; SCHLUMBERGER TECHNOLOGY CORP ; SCHLUMBERGER TECHNOLOGY BV ; SERVICES PETROLIERS SCHLUMBERGER ; SCHLUMBERGER HOLDINGS ; SCHLUMBERGER SERVICES PETROL ; SCHLUMBERGER TECH BV

Assignee(s): SRIDHAR GARUD BINDIGANAVALA ; USOVA ZINAIDA ; SRIDHAR GARUD ; SCHLUMBERGER HOLDINGS LTD ; RAMESH AVINASH ; LEE JESSE ; PRAD R AND D LTD ; PHAM HAU NGUYEN PHUC ; FU DAN ; HODGSON KIM ; HUEY WILLIAM TROY ; LECERF BRUNO ; SCHLUMBERGER CANADA LTD ; PRAD RESEARCH AND DEVELOPMENT LTD

Inventor(s): (std): AVINASH RAMESH ; FU DAN ; GARUD BINDIGANAVALA PHUC SRIDHAR ; HAU NGUYEN PHAM ; HODGSON KIM ; HUEY WILLIAM TROY ; HUEY WILLIAM ; HUEY WILLIAM TROY ; KIM HODGSON ; LECERF BRUNO ; LEE JESSE ; OSOVA ZINAIDA ; PHAM HAU NGUYEN PHUC ; RAMESH AVINASH ; SRIDHAR GARUD ; SRIDHAR GARUD BINDIGANAVALA ; USOVA ZINAIDA ; WILLIAM TROY HUEY

Inventor(s): ZINAIDA OSOVA ; WILLIAM TROY HUEY ; JESSE LEE ; GARUD SRIDHAR ; BRUNO LECERF ; DAN FU

Agent(s): GRIFFITH HACK ; SMART AND BIGGAR ; MICHAEL L ; GREENE RACHEL ET AL ; FLYNN MICHAEL L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: FRACTURE SAND SILO SYSTEM AND METHODS OF DEPLOYMENT AND RETRACTION OF SAME

Abstract: Source: US2013142601A The present invention is directed to novel transportable silo systems for storage of materials. The invention relates to self-erecting silo storage systems for use in the oil and natural gas mining and drilling industries. The silo storage systems of embodiments of the instant invention are uniquely designed to improve storage capabilities and mobility while at the same time reducing space requirements at well sites.

Classifications:

International (IPC 8-9): B01F15/00 B01F15/02 B01F15/04 B60P1/48 B60P1/64 B60P3/00 B62D63/08 B65D88/30 B65D88/54 B65D90/02 B65G65/23 B65G65/30 B65G65/40 B65G65/42 B65G67/02 E04H7/22 E21B41/00 G05D11/02 G06Q10/08 (Advanced/Invention); E21B43/26 (Advanced/Non-invention)

CPC: B60P1/6418 B60P1/6427 B60P3/00 B65G65/42 B60P1/483 B65D88/30 B01F15/0479 B01F15/00155 B01F2215/0081 B65G65/34 B65D88/32 B65D88/54 B65D90/02 B65G65/40

US: 248/346.01 366/152.2 414/288 414/304 414/323 414/332 414/546 414/812



Family:

Publication number	Publication date	Application number	Application date
CA2851290 AA	20140404	CA20122851290	20121023
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MX349181 B	20170717	MX20170000842	20121023
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WO13062968 A2	20130502	WO2012US61483	20121023
WO13062968 A3	20150514	WO2012US61483	20121023

Priority:

CA20122851290	20121023	CA20172851290	20170411	US20110550776P	20111024
US20120661044P	20120618	US20120658551	20121023	US20140557832	20141202
WO2012US61483	20121023	US20160287523	20161006	US20160352037P	20160620
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Probable Assignee: SOLARIS OILFIELD SITE SERVICES OPERATING LLC

Assignee(s): (std): CUNNINGHAM JOHN ; HUNTLAND PROPERTIES LTD ; MCIVER TERRY ; SOLARIS OILFIELD SITE SERVICES OPERATING LLC

Assignee(s): MANAGAN WILLIAM VAUGHN ; MATKOWSKI JOE DANIEL ; HUGHES TAMARA

Inventor(s): (std): CUNNINGHAM JOHN ; HUGHES TAMARA ; MCIVER TERRY ; MATKOWSKI JOE DANIEL ; MANAGAN WILLIAM VAUGHN ; MANAGAN II WILLIAM VAUGHN

Agent(s): GOWLING LAFLEUR HENDERSON LLP; KIRBY EADES GALE BAKER; COVINGTON AND BURLING LLP; ENRIQUE D; ELIZABETH R; LONGTON ENRIQUE D

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: **CONTAINER** SYSTEM FOR HYDRAULIC FRACTURING **PROPPANTS**

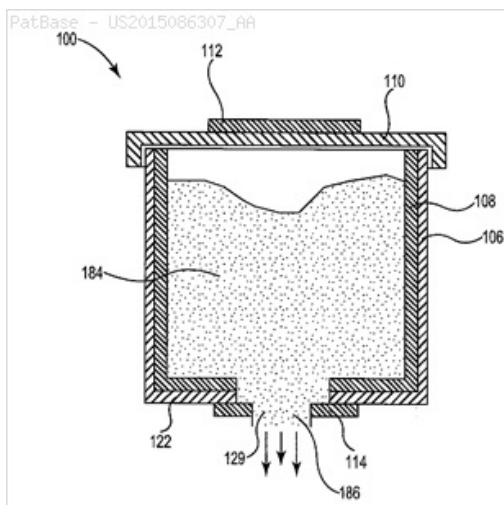
Abstract: Source: US2015086307A Described herein is an improved **container** for storing, shipping, and dispensing **proppant** materials used in hydraulic fracturing operations. The **container** systems incorporate stretchable **hopper** structures in the **container**. The **hopper** expands and contracts responsive to the amount of **proppant** material held in the **container**. When the **container** is filled with a sufficient amount of **proppant**, the **hopper** stretches to expand the storage volume. When the sufficient amount of **proppant** material is dispensed from the **container**, the **hopper** contracts to lift and dispense the **container** contents.

Classifications:

International (IPC 8-9): B65D88/62 B65G65/30 (Advanced/Invention)

CPC: B65D88/005 B65D90/205 B65G65/30

US: 220/601 220/666 414/304 414/802 414/808



Family:

Publication number	Publication date	Application number	Application date
US2015086307 AA	20150326	US20140495301	20140924

Priority:

US20130882334P 20130925 US20140495301 20140924

Probable Assignee: GRIT ENERGY SOLUTIONS LLC

Assignee(s): (std): STEFAN TIMOTHY

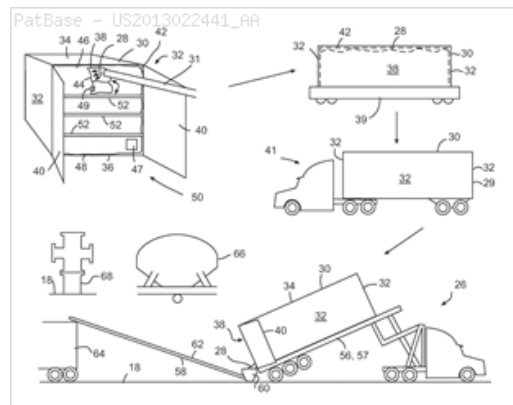
Assignee(s): GRIT ENERGY SOLUTIONS LLC ; PROPPANT EXPRESS SOLUTIONS LLC

Inventor(s): (std): STEFAN TIMOTHY

Abstract: Source: US2013022441A A method of bulk transport of **proppant** is disclosed comprising: transporting **proppant** in an intermodal transport **container** to a well site, the intermodal transport **container** having four vertical walls, a roof, and a base, defining an enclosed interior, the **proppant** being loosely disposed within the enclosed interior; and unloading at least a portion of the **proppant** through one or more gates in the intermodal transport **container** at the well site. An apparatus for bulk transport of **proppant** is also disclosed.

International (IPC 8-9): B60P1/64 B65D88/12 B65D88/56
B65D90/04 B65D90/54 B65G3/00 (Advanced/Invention);
E21B43/267 (Advanced/Non-invention)

US: 141/311R 220/1.5 220/1.6 222/166 414/812



Publication number	Publication date	Application number	Application date
CA2778157 AA	20130120	CA20122778157	20120518
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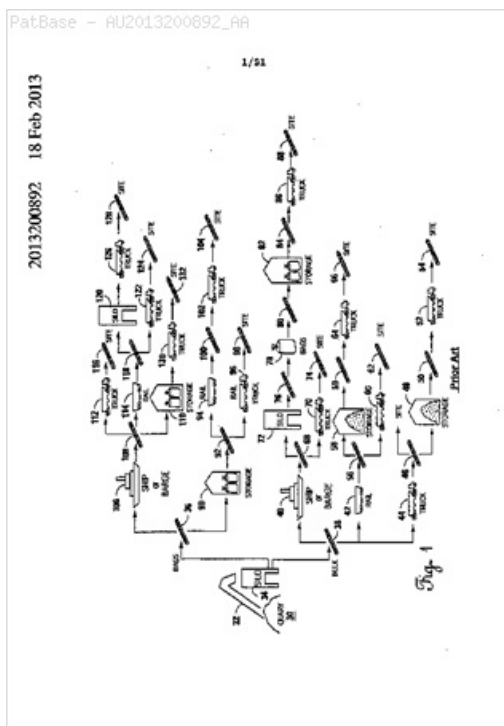
Assignee(s): (std): GRANRUD GAYLORD ; LU JOHNSON ; THOR S OIL PRODUCTS INC ; UHRYN JIM
Assignee(s): UHRYN LORI ; UHRYN JAMES AKA JIM UHRYN ; UHRYN BRIAN JAMES AKA JIM UHRYN
Inventor(s): (std): GRANRUD GAYLORD ; LU JOHNSON ; UHRYN JIM
Inventor(s): UHRYN JAMES AKA JIM UHRYN ; UHRYN BRIAN JAMES AKA JIM UHRYN
Agent(s): LAMBERT ANTHONY R; NISSEN ROBERT A

Title: Method and apparatus for modifying a cargo **container** to deliver sand to a frac site

Abstract: Source: AU2013200892A A cargo **container** is modified to carry a fracing **proppant** such as sand from a quarry or source to the frac site. Openings are cut in the top and bottom of a cargo **container** and hydraulically operated sliding doors are placed there under. A **hopper** module with the walls being inclined to approximately the angle of repose for the **proppant** is installed inside the cargo **container**. The **hopper** module is sealed inside the cargo **container** so that a **proppant** enters through the top opening at the quarry and flows out through the bottom opening at the fracing site. co enq Li, C - C eq percent. V) ss.,.,.,.

Classifications:

International (IPC 8-9): B65D88/02 B65D88/12 B65D88/26
B65D88/54 B65D90/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
AU2013200892 AA	20140904	AU20130200892	20130218

Priority:

AU20130200892 20130218

Probable Assignee: SANDCAN INC

Assignee(s): (std): SANDCAN INC

Assignee(s): SANDCAN LLC

Inventor(s): (std): SHEESLEY JOHN M

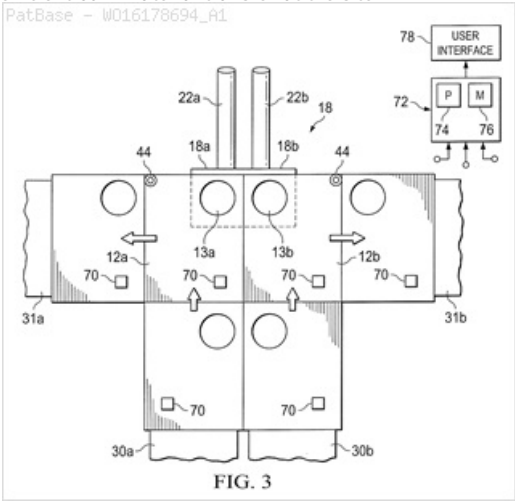
Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

Title: RAPID SWITCHING DUAL **PROPPANT** DELIVERY SYSTEM

Abstract: In accordance with presently disclosed embodiments, systems and methods for using **containers**, instead of pneumatic transfer, to move bulk material from a transportation unit to a blender receptacle (e.g., **hopper** or mixer of a blender) are provided. A transportation unit may deliver multiple **containers** of bulk material to the well site, where multiple conveyors may deliver the **containers** to a location proximate the blender receptacle. Openings at the bottom of the **containers** are arranged adjacent one another so that the load of two **containers** may be delivered to the tight space occupied by the blender receptacle. Since the transportation unit is able to unload the **containers** of bulk material without pneumatic transfer, the **containers** may enable a cleaner and more efficient bulk material transfer at the site.

Classifications:

International (IPC 8-9): B65G43/00 B65G47/44 B65G49/00
B65G65/40 B65G67/30 B65G69/00 E21B41/00 (Advanced/Invention)
CPC: B65G65/40



Family:

Publication number	Publication date	Application number	Application date
CA2979331 AA	20170911	CA20152979331	20150507
WO16178694 A1	20161110	WO2015US29741	20150507

Priority:

WO2015US29741 20150507

Probable Assignee: HALLIBURTON ENERGY SERVICES INC

Assignee(s): (std): HALLIBURTON ENERGY SERVICES INC

Assignee(s): HUNTER TIMOTHY H ; LEWIS BRYAN JOHN ; LUCAS BRYAN CHAPMAN ; SCHAFFNER AUSTIN CARL ; STEGEMOELLER CALVIN L ; SURJAATMADJA JIM BASUKI

Inventor(s): (std): SURJAATMADJA JIM BASUKI ; STEGEMOELLER CALVIN L ; SCHAFFNER AUSTIN CARL ; LUCAS BRYAN CHAPMAN ; LEWIS BRYAN JOHN ; HUNTER TIMOTHY H

Agent(s): PARLEE MCLAWS LLP; CATE AVERY ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: MOBILE WATER HEATING APPARATUS

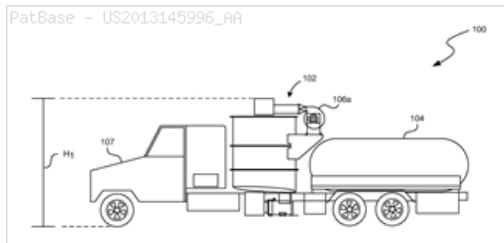
Abstract: Source: US2013145996A Mobile water heating systems for producing hot water are disclosed herein. In one embodiment, a mobile water heating system includes a water heater having an oval-cylindrical shape. The water heater includes a shell, a lid and a water reservoir having a screen. A first heating coil and a second heating coil can extend between the screen and a first cone and a second cone, respectively. A first burner and a second burner can be configured to mix and combust fuel and air and direct the resulting flames through the heating coils. Pall rings can at least partially fill an interior volume of the water heater and the combustion of the fuel and air can heat the heating coils and the pall rings. Water can be heated by being directed through the heating coils and through a water manifold positioned to spray water on the pall rings.

Classifications:

International (IPC 8-9): B01F5/12 B05C11/10 B05C19/06 B05D1/26 B65G51/02 B65G53/10 B65G53/12 B65G53/14 B65G53/28 B65G53/50 B82Y30/00 B82Y40/00 B82Y99/00 F22B1/18 F22D5/00 F24H1/00 F24H1/06 F24H1/12 F24H1/16 F24H1/20 F24H9/14 F24H9/18 F24H9/20 G03F7/20 H01J1/02 H01J1/16 H01J1/30 H01J1/304 H01J1/308 H01J1/46 H01J1/48 H01J13/28 H01J17/22 H01J19/24 H01J19/30 H01J19/38 H01J19/78 H01J19/80 H01J21/06 H01J21/10 H01J25/02 H01J29/02 H01J29/46 H01J29/48 H01J29/74 H01J29/98 H01J3/02 H01J33/00 H01J35/00 H01J45/00 H01J7/44 H01J9/14 H01L21/00 H01L21/027 H01L23/34 H01L29/06 H01R43/16 H02N3/00 H05B37/00 H05B39/00 H05B41/00 (Advanced/Invention); B05C11/10 B82Y40/00 B82Y99/00 H01J45/00 (Advanced/Non-invention)

CPC: F22B1/1853 F24H1/06 F22D5/00 F24D2220/048 F24H1/125 F24H1/165 F24H9/2035 Y10T137/0318 F24H1/08 F24H1/124 F24H1/205 F24H1/0036 F24H1/009 F24H1/206 H01J29/98 H01J19/78 H01J19/80 H01J1/46 H01J3/027 B82Y30/00 H01J3/029 H01J3/08 H01J3/12 H01J37/063 H01J37/073 H01L2924/0002 H01J1/308 H01J1/304 H01J2201/319 H01J2201/3048 H01J17/22 H01J27/26 H01J29/46 H01J21/105 H01J3/022 H01J23/02 H01J21/06 H01J29/02 H01J29/481 H01J45/00 B82Y99/00 H01J19/38 B05C11/10 B05C11/1002 B65G53/12 B65G53/28 B65G53/50 B05D1/26 B05C11/1042 B65G53/10 H01J1/48 H01J3/021 H01J2203/0232 Y10T29/49204

US: 1/1 122/18.3 122/31.2 137/1 222/146.2 250/505.1 257/10 257/717 257/E29.068 29/874 310/306 313/153 313/293 313/296 313/310 313/311 315/108 315/111.81 315/14 315/160 315/161 315/167 315/209R 315/325 315/326 315/339 315/363 406/98 427/207.1 438/20 977/939



Family:

Publication number	Publication date	Application number	Application date
AU2013202875 AA	20131114	AU20130202875	20130408
CA2797554 AA	20130530	CA20122797554	20121129
CN103373611 A	20131030	CN201310148248	20130425
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EP2797837 A1	20141105	EP20120861564	20121227
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Priority:

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US20170603340	20170523				

Probable Assignee: ELWHA LLC

Assignee(s): (std): CHEATHAM JESSE R III ; ENERGY HEATING LLC ; ECKHOFF PHILIP ANDREW ; ELWHA LLC ; ELWHA LLC A LTD LIABILITY CO OF STATE OF DELAWARE ; CHEATHAM III JESSE R ; INTELLIGENT ENERGY LLC ; GATES WILLIAM ; MYHRVOLD NATHAN P ; KARE JORDIN T ; HYDE RODERICK A ; PAN TONY S ; WHITMER CHARLES ; PETROSKI ROBERT C ; TEGREENE CLARENCE T ; ISHIKAWA MURIEL Y ; TUCKERMAN DAVID B ; NORDSON CORP ; WOOD JR LOWELL L ; WOOD LOWELL L ; WOOD VICTORIA Y H

Assignee(s): WOOD VICTORIA YH ; NORDSON CORP WESTLAKE ; INTELLIGENT HEATING LLC ; CHEATHAM JESSE R ; ELWHA LLC A LIABILITY CO OF STATE OF DELAWARE LTD ; LIND GERALD WAYNE ; MASON JUSTIN LYDELL ; ELWHA LLC A LIABILITY CO OF STATE OF DELAWARE LTD ; COOPER JAMES ALLEN ; CRITCHFIELD NOLAND HARPER ; COOPER JEFFREY K

Inventor(s): (std): COOPER JAMES ALAN ; COOPER JAMES ALLEN ; COOPER JEFFERY K ; COOPER JEFFREY K ; CRITCHFIELD NOLAND HARPER ; DUNCAN WILLIAM DAVID ; ECKHOFF PHILIP ANDREW ; GATES WILLIAM ; HYDE RODERICK A ; ISHIKAWA MURIEL Y ; KARE JORDIN T ; LIND GERALD WAYNE ; MANKIN MAX N ; MASON JUSTIN LYDELL ; MYHRVOLD NATHAN P ; PAN TONY S ; PETROSKI ROBERT C ; TEGREENE CLARENCE T ; TUCKERMAN DAVID B ; WHITMER CHARLES ; WOOD JR LOWELL L ; WOOD LOWELL L ; WOOD LOWELL L JR ; WOOD VICTORIA Y H ; CHEATHAM III JESSE R ; CHEATHAM JESSE R III ; CLARK JUSTIN A

Inventor(s): CLARK JUSTIN A SUGAR HILL ; CHEATHAM JESSE R ; WOOD VICTORIA YH

Agent(s): SPRUSON AND FERGUSON; BULL HOUSSEY AND TUPPER LLP; REGEHR HERBERT B; EISENFUEHR SPEISER PATENTANWAELTE RECHTSANWAELTE PARTGMBB; EISENFUEHR SPEISER; HARRIS IAN RICHARD; ROEB MARIA; OKABE YUZURU; TAKAHASHI SEIICHIRO; OCHI TAKAO; MATSUI TAKAO;

HARAKENZO WORLD PATENT AND TRADEMARK; PERKINS COIE LLP; BAKER AND HOSTETLER LLP;
STEWART JOHN C ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN
MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG
SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SYSTEMS AND METHODS FOR BULK MATERIAL STORAGE AND/OR TRANSPORT

Abstract: Source: US2014083554A Bulk material storage units that can be placed on flatbeds that can be hauled in various manners, including rail cars or trucks, to the destination and removed from the flatbed for temporary storage at the destination, freeing the transportation mode, e.g., rail cars or trucks, to be used elsewhere. Embodiments of the bulk material storage unit of the present invention replace rail **hopper** cars or truck trailers to hold the bulk material during transportation as well as provide temporary storage at the desired location, e.g., the origin or destination, without tying up transportation resources.

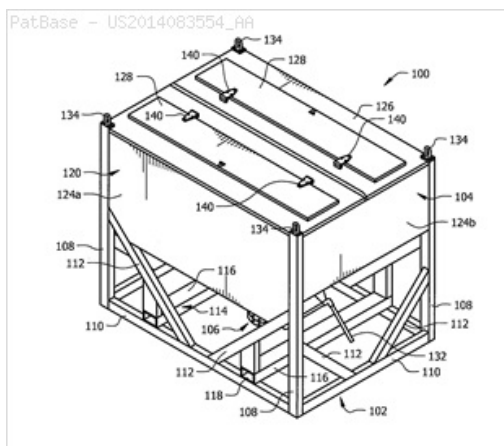
Classifications:

International (IPC 8-9): B65B1/06 B65D88/30 B65D88/32
B65D88/54 B65D90/00 B65D90/20 B65D90/54 B65G57/02

B65G67/02 (Advanced/Invention)

CPC: B65B1/06 B65D90/0033 B65G57/02 B65D90/20 B65D90/54
B65G67/02 B65G2201/0235 B65D88/54 B65D88/30 B65D88/32

US: 141/1 220/1.5 222/173 414/802



Family:

Publication number	Publication date	Application number	Application date
US2014083554 AA	20140327	US20120625675	20120924
US2016332809 AA	20161117	US20160219640	20160726
US2016332811 AA	20161117	US20160219676	20160726

Priority:

US20110538616P 20110923
US20160219676 20160726

US20120625675 20120924

US20160219640 20160726

Probable Assignee: SANDBOX LOGISTICS LLC

Assignee(s): (std): HARRIS ROBERT A ; SANDBOX LOGISTICS LLC

Assignee(s): BNP PARIBAS

Inventor(s): (std): HARRIS ROBERT A

Title: APPARATUS FOR TRANSPORTING FRAC SAND IN INTERMODAL CONTAINER

Abstract: Source: US2013004272A Apparatus for transporting frac sand and/or proppant for use in standard ISO intermodal containers and for delivering frac sand and/or proppant to well sites. Configured for being inserted into a container and adapted for transporting frac sand and proppant from a quarry or other frac sand supply source to a well site. A plurality of inlet ports disposed atop the roof, with the inlet ports receiving the frac sand from a frac sand supply source into a funnel-hopper, and a plurality of outlet ports for receiving the frac sand and proppant within the funnel-hopper and delivering the frac sand and proppant proximal to the well site. An in situ valve apparatus disposed within the hopper assembly for effectuating industry standard continuous pressurized discharge of stored frac sand material into a discharge pipe for delivery downhole.

Classifications:

International (IPC 8-9): B65D88/30 B65D88/54 B65D88/68

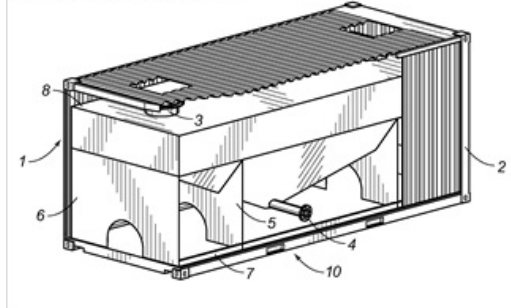
B65G51/00 E21B27/02 (Advanced/Invention);

B65D88/12 (Advanced/Non-invention)

CPC: B65D88/30 B65D88/121 B65D88/54 E21B27/02 B65D90/046 B65D2590/046

US: 1/1 198/533 406/127 406/18 406/28 414/304 414/305

PatBase - US2013004272_AA

**Family:**

Publication number	Publication date	Application number	Application date
US2013004272 AA	20130103	US20120342107	20120101
US8915691 BB	20141223	US20120342107	20120101
US9051801 BA	20150609	US20140580061	20141222

Priority:

US20100429046P 20101231

US20120342107 20120101

US20140580061 20141222

Probable Assignee:

MINTZ MICHAEL

Assignee(s): (std):

MINTZ MICHAEL

Inventor(s): (std):

MINTZ MICHAEL

Agent(s):

HARRISON LAW OFFICE PC

Title: Automatic rate matching system

Abstract: Source: US5004400A An automatic rate matching system is provided such that the delivery of bulk material is matched with the quantity of bulk material required by a process. An optical probe is used which determines the depth of material delivered into a **hopper**, prior to its retrieval for use in the process. The probe and associated electronic components output a signal to a CPU which then varies the speed of a belt conveyor based upon the depth of material. As the material depth decreases, belt speed is increased. Conversely, as material depth increases, belt speed is decreased. Therefore, the delivery rate of bulk material is matched to the quantity required in a process by varying the speed of the conveyor belt, based upon the depth of material in the **hopper**.

Classifications:

International (IPC 8-9): B65G43/08 G05D9/12 (Advanced/Invention)

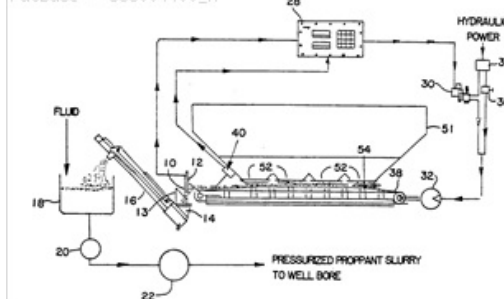
International (IPC 1-7): B65G47/19 B65G65/32 G05D9/12

CPC: B65G43/08 B65G2203/044 G05D9/12

European: B65G43/08 G05D9/12 L65G203/04D4

US: 198/524 222/56 414/294 414/296 414/786 414/808

PatBase - US5004400_A



Family:

Publication number	Publication date	Application number	Application date
CA2014425 AA	19901013	CA19902014425	19900411
US5004400 A	19910402	US19890337501	19890413
US5102281 A	19920407	US19900607908	19901101
US5195861 A	19930323	US19910796571	19911122

Priority:

CA19902014425 19900411 US19890337501 19890413 US19910796571 19911122
US19900607908 19901101

Probable Assignee: HALLIBURTON CO

Assignee(s): (std): HALLIBURTON CO

Assignee(s): HALLIBURTON COMPANY ; HALLIBURTON CO A CORP OF DE ; HANDKE WAYNE A ; HALIBURTON CO

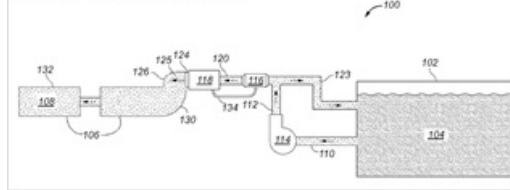
Inventor(s): (std): HANDKE WAYNE A

Agent(s): SWABEY OGILVY RENAULT

Abstract: Source: US2016102245A Methods include providing an aqueous slurry of ceramic forming raw materials, where at least a portion of the ceramic forming raw materials are enhanced particulates, and flowing the slurry through at least one extrusion die face to form slurry bodies while the slurry is under a hypotensive condition which is less than about 30 kPa, or otherwise pressure lower than conventional extrusion pressures using unenhanced raw materials. The slurry bodies may then be received in a collecting **hopper**, and thereafter sintering to form particles, such as ceramic **proppant** particles. Enhanced particulates may be raw material particulates that are coated, selectively shaped, of particular size(s), or any combination thereof.

International (IPC 8-9): B01J13/00 B01J19/06 B28B3/26 C04B33/02
C04B33/13 C04B35/626 C04B35/628 C04B35/64 C09K8/80
E21B43/26 E21B43/267 (Advanced/Invention)

CPC: C04B35/622 C04B35/632 C04B2235/528 C04B2235/5427
C04B2235/5436 C04B2235/5445 C04B2235/5481 C04B2235/6023
C04B2235/612 C04B2235/94 2B8B3/26 C04B35/628 C04B35/64
E21B43/267 B011J3/00 B01J19/06 C04B35/626 E21B43/26
B01J2219/2423 C09K8/80 C09K8/805



Publication number	Publication date	Application number	Application date
CN105745182 A	20160706	CN201480063336	20141114
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US2016272880 AA	20160922	US20140033695	20141114
WO15077130 A1	20150528	WO2014US65587	20141114
WO17105931 A1	20170622	WO2016US65219	20161207

US20130905943P	20131119	US20140033695	20141114	US20150975526	20151218
WO2014US65587	20141114				

Assignee(s): (std): PRAD RES AND DEV LTD ; SCHLUMBERGER CA LTD ; SCHLUMBERGER TECHNOLOGY CORP ; SCHLUMBERGER TECHNOLOGY BV ; SERVICES PETROLIERS SCHLUMBERGER ; SCHLUMBERGER HOLDINGS ; SCHLUMBERGER SERVICES PETROL

Agent(s): GREENE RACHEL ET AL; CLARK BRANDON S ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZW ZC

Title: SYSTEM AND METHOD FOR DELIVERY OF OILFIELD MATERIALS

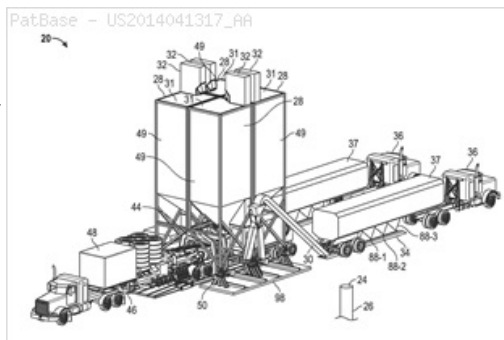
Abstract: Source: US2014041317A A system and methodology facilitates the handling of oilfield material. The oilfield material is stored in at least one silo which enables use of gravity to feed the oilfield material to a blender or other suitable equipment. Each modular silo is transportable and may be engaged with a support structure via a pivot connection. Once engaged, the silo is pivoted to a raised, upright position on the support structure. The oilfield material is then moved to an interior of the silo, and gravity may be used to feed the oilfield material to a blender or other equipment in a controlled manner.

Classifications:

International (IPC 8-9): B01D53/00 B01F15/00 B01F15/02 B01F3/08 B01F3/12 B01F5/00 B01F5/10 B01F5/24 B01F7/00 B01F7/16 B01F7/22 B01J19/18 B01J19/24 B29B7/38 B29B7/60 B60P3/00 B65D88/12 B65D88/26 B65D88/30 B65D88/54 B65D90/12 B65G3/04 B65G37/00 B65G65/32 C09K8/68 E04H7/22 E21B15/00 E21B21/06 E21B33/068 E21B41/00 E21B43/00 E21B43/12 E21B43/14 E21B43/17 E21B43/24 E21B43/247 E21B43/26 E21B7/02 F16M11/22 (Advanced/Invention); E21B7/02 (Advanced/Non-invention)

CPC: E21B15/00 E04H7/22 E21B41/00 E21B43/267 B65D88/30 B65D88/32 B65D90/12 B65D90/48 B65G65/32 B65D88/54 B01F2215/0081 B29B7/40 B29B7/402 B29B7/603 B29B7/72 B29B7/748 B29B7/7485 B29B7/88 B01F5/106 B01F5/248 B01F7/00641 C09K8/66 B29B7/60 B01F3/1271 B01F7/164 B01F13/1016 B01F13/1019 B01F13/004 B01F13/1022 B01F15/0235 E21B21/062 B01F13/103 B01F5/0647 B01J19/248 B01J19/245 B01J19/2445 B01J19/18 B01J2219/2401 B01J2219/1941 B01J2219/192 B01J19/24 B01J19/246 B65D88/26 B60P3/00 B65G3/04 E21B43/00 B01F3/12 B01F5/0603 B01F2003/1285 B01F3/1221

US: 1/1 198/314 198/315 248/121 248/176.1 248/542 366/138 366/154.1 366/182.2 366/69 366/76.1 414/293 414/332 414/800 422/129 422/292 422/600 507/211 52/143 52/194 52/64 52/69 52/745.01 52/745.02 52/745.18



Family:

Publication number	Publication date	Application number	Application date
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Priority:

AU20130302971	20130809	AU20170210598	20170803	US20120682734P	20120813
US20120746154P	20121227	US20120746158P	20121227	US20130836405	20130315
US20130838872	20130315	US20130839088	20130315	US20130839368	20130315
US20130863519P	20130808	US20140318095	20140627	US20140449206	20140801
US20140192821	20140227	US20140192838	20140227	WO2013US54287	20130809
WO2013US54294	20130809	US20150709798	20150512	US20140536415	20141107
US20140992146P	20140512	US20150709778	20150512	US20140991685P	20140512
WO2015US17175	20150224	WO2015US30287	20150512	WO2015US30294	20150512
WO2015US37569	20150625	WO2015US59177	20151105		

Probable Assignee: SCHLUMBERGER TECHNOLOGY CORP

Assignee(s): (std): SCHLUMBERGER HOLDINGS ; SCHLUMBERGER SERVICES PETROL ; PRAD RES AND DEV LTD ; SCHLUMBERGER CA LTD ; SCHLUMBERGER TECHNOLOGY CORP ; SCHLUMBERGER TECHNOLOGY BV ; SERVICES PETROLIERS SCHLUMBERGER ; SCHLUMBERGER TECH BV ; SHLYUMBERGER TEKNOLODZHI BV

Assignee(s): TECHNOLOGY SCHLUMBERGER CORP ; STONE WILLIAM BRADFORD ; SHEN CHRISTOPHER ; SRIDHAR GARUD BINDIGANAVALE ; SCHLUMBERGER HOLDINGS LTD ; SCHLUMBERGER CANADA LTD ; PRAD RESEARCH AND DEVELOPMENT LTD ; PHAM HAU NGUYEN PHUC ; MORRISON NIKKI ; SHAMPINE ROD WILLIAM ; RAMESH AVINASH ; ALMER TRAVIS ; AYYAD MARK ; AYYAD MARK MAHER HAKIM ; CHOCHUA GOCHA ; HUEY WILLIAM TROY ; JODLOWSKI JAKUB PAWEL ; LUHARUKA RAJESH ; COQUILLEAU LAURENT ; LOPEZ MIGUEL ANGEL ; CHONG JONATHAN WUN SHIUNG ; CIQUILLEAU LAURENT YVES CLAUDE ; HUEY WILLIAM

Inventor(s): (std): AYYAD MARK ; AYYAD MARK MAHER HAKIM ; CHOCHUA GOCHA ; CHOCHUA GOCHA G ; CHONG JONATHAN WUN SHIUNG ; CIQUILLEAU LAURENT YVES CLAUDE ; COQUILLEAU LAURENT YVES CLAUDE ; DENNIS JOHNSON ; GARUD B SRIDHAR ; GOCHA CHOCHUA ; HAU N P PHAM ; HAU NGUYEN PHAM ; HAU NGUYEN PHUC PHAM ; HUEY WILLIAM ; JAKUB PAWEL JODLOWSKI ; JOHNSON DENNIS ; JOHNSON DENNIS JAY ; JONATHAN WUN SHIUNG CHONG ; LAURENT COQUILLEAU ; LOPEZ MIGUEL ANGEL ; MARK AYYAD ; MARK MAHER HAKIM AYYAD ; MIGUEL A LOPEZ ; MIGUEL ANGEL LOPEZ ; NIKKI MORRISON ; NIKKI PHUC MORRISON ; PHAM HAU ; RAJESH LUHARUKA ; RAJESH PHUC LUHARUKA ; RAMESH AVINASH ; ROD W SHAMPINE ; ROD WILLIAM SHAMPINE ; SHAMPINE ROD WILLIAM ; SHEN CHRISTOPHER ; SHEN CHRISTOPHER TODD ; SRIDHAR GARUD BINDIGANAVALE ; TRAVIS ALMER ; WILLIAM BRADFORD STONE ; WILLIAM TROY HUEY ; WILLIAM HUEY ; STOUN UILLYAM BREDFORD ; LUKHARUKA RADZHESH ; LAURENT YVES CLAUDE CIQUILLEAU ; KOKIJO LORAN ; KHYUI UILLYAM TROY ; JODLOWSKI JAKUB PAWEL ; GARUD BINDIGANAVALE SRIDHAR ; FAM KHAU NGUJEN PKHUK ; CHRISTOPHER SHEN ; AVINASH RAMESH ; ALMER TREVIS ; STONE WILLIAM BRADFORD ; PHAM HAU NGUYEN PHUC ; MORRISON NIKKI ; LUHARUKA RAJESH ; JODLOWSKI JAKUB PAWEL ; HUEY WILLIAM TROY ; COQUILLEAU LAURENT ; ALMER TRAVIS

Agent(s): GRIFFITH HACK ; SMART AND BIGGAR ; SCHLUMBERGER CAMBRIDGE RESEARCH LTD ; ABU GAZALEH INTELLECTUAL PROPERTY LLC ; OOO YURIDICHESKAYA GORODISSKIY I PARTNERY FA ; TIM ; MICHAEL L ; ROBIN ; JODY LYNN ; STOUT MYRON K ET AL ; GREENE RACHEL ET AL ; FLYNN MICHAEL L ET AL ; FLYNN MICHAEL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: Transportable material conveying apparatus

Abstract: Source: US4701095A A transportable material conveying apparatus includes a frame having a surge bin mounted on the frame for receiving, holding and discharging particulate material. A gathering conveyor is mounted on the frame for gathering the particulate material and delivering the particulate material into the surge bin. A discharge conveyor is mounted on the frame below an outlet of the surge bin for receiving the particulate material from the outlet and for conveying the particulate material to a discharge point.

Classifications:

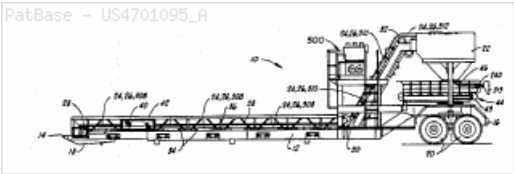
International (IPC 8-9): B65D88/30 (Advanced/Invention);
B65D88/00 (Core/Invention)

International (IPC 1-7): B65G67/02

CPC: B65D88/30

European: B65D88/30

US: 198/311 198/314 222/564 414/289 414/332 414/505 414/523



Family:

Publication number	Publication date	Application number	Application date
US4701095 A	19871020	US19860894440	19860731

Priority:

US19840687094 19841228 US19860894440 19860731

Probable Assignee: HALLIBURTON CO

Assignee(s): (std): HALLIBURTON CO

Assignee(s): HALLIBURTON COMPANY

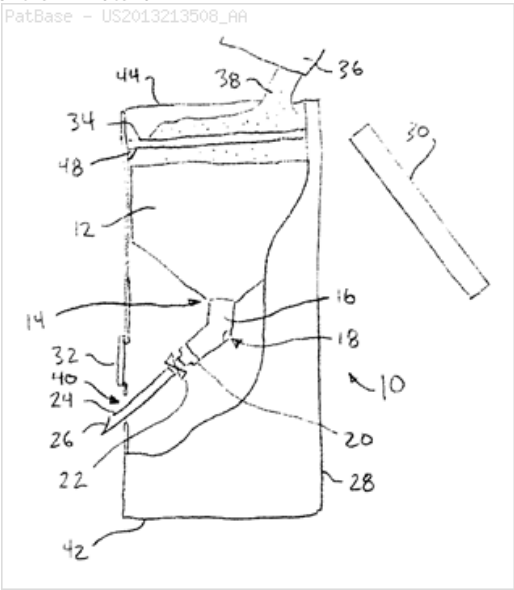
Inventor(s): (std): BERRYMAN LESLIE N ; DAVIS GAIL F ; HORINEK HERBERT J

Title: FILL MATERIAL DISPENSING METHOD AND APPARATUS

Abstract: Source: US2013213508A The invention seeks to provide a method and apparatus for introducing fill material such as walnut shells at a desired volumetric flow rate into a fluid to be injected into a borehole. A valve is provided to enable adjustment of the volumetric flow rate as desired during introduction of the fill material.

Classifications:

International (IPC 8-9): B65B37/00 B65G47/18 B65G53/00
B65G65/32 E21B33/068 (Advanced/Invention)
CPC: B65G53/00 E21B21/003 E21B21/062 Y10T137/87917
US: 137/613



Family:

Publication number	Publication date	Application number	Application date
CA2768538 AA	20130816	CA20122768538	20120216
US2013213508 AA	20130822	US20130743734	20130117

Priority:

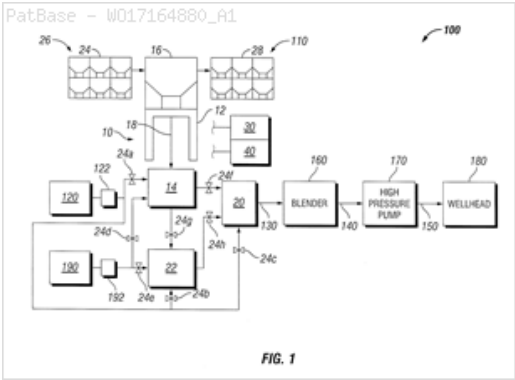
CA20122768538 20120216

Probable Assignee: LATIMER SHANNON KEITH
Assignee(s): (std): LATIMER SHANNON KEITH
Inventor(s): (std): LATIMER SHANNON KEITH
Agent(s): MACPHERSON LESLIE AND TYERMAN LLP

Title: FLUID MANAGEMENT SYSTEM FOR PRODUCING TREATMENT FLUID USING CONTAINERIZED FLUID ADDITIVES

Abstract: An example fluid management system for generating a fluid for a treatment operation may include a mixer and a first portable container disposed proximate to and elevated above the mixer. The first portable container may hold dry chemical additives. A feeder may be positioned below the first portable container to direct dry chemical additives from the first portable container to the mixer. The system may also include a first pump to provide fluid to the mixer from a fluid source.

Classifications:
International (IPC 8-9): E21B41/00 E21B43/17
E21B43/26 (Advanced/Invention)
CPC: E21B21/062



Family:

Publication number	Publication date	Application number	Application date
WO17164880 A1	20170928	WO2016US24027	20160324

Priority:

WO2016US24027 20160324

Probable Assignee: HALLIBURTON ENERGY SERVICES INC

Assignee(s): (std): HALLIBURTON ENERGY SERVICES INC

Inventor(s): (std): FISHER CHAD ADAM ; LUCAS BRYAN CHAPMAN ; SCHAFFNER AUSTIN CARL ; STEGEMOELLER CALVIN L ; WARREN WESLEY JOHN

Agent(s): PICKETT W SCOTT ET AL

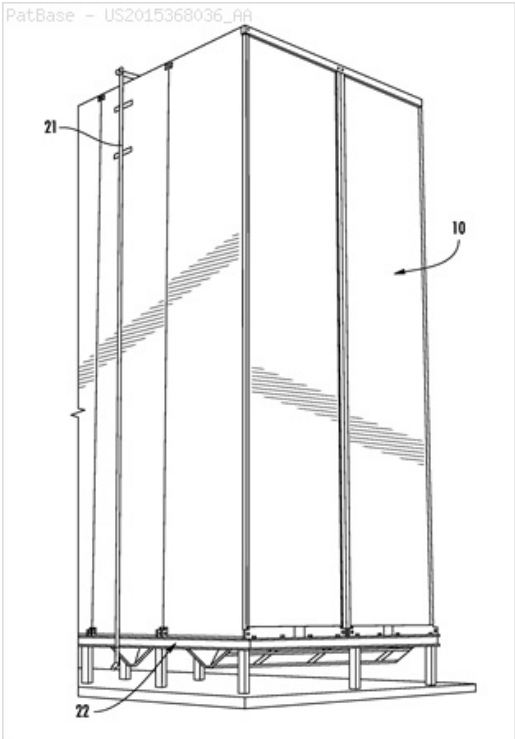
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: STORAGE BIN AND METHOD OF USE

Abstract: Source: US2015368036A A storage bin and a method o fuse are disclosed herein. The disclosed storage bin generally includes a top wall including a top hatch and one or more vent members; a first side wall, a second side wall, a third side wall and a fourth side wall extending from the top wall; and a funnel-shaped bottom portion extending from the side walls, wherein the bottom portion further includes a bottom hatch and a valve member. The disclosed storage bin may be utilized to store **proppant** and like materials.

Classifications:

International (IPC 8-9): B65D88/32 B65D88/54 B65G65/32 B65G65/40 (Advanced/Invention)
CPC: B65G65/32 B65D88/32 B65D90/02
US: 414/299 414/808



Family:

Publication number	Publication date	Application number	Application date
US2015368036 AA	20151224	US20150740813	20150616

Priority:

US20140014206P 20140619 US20150740813 20150616

Probable Assignee:

BROMLEY SCOTT

Assignee(s): (std):

BROMLEY SCOTT ; HARDIN RAY D

Inventor(s): (std):

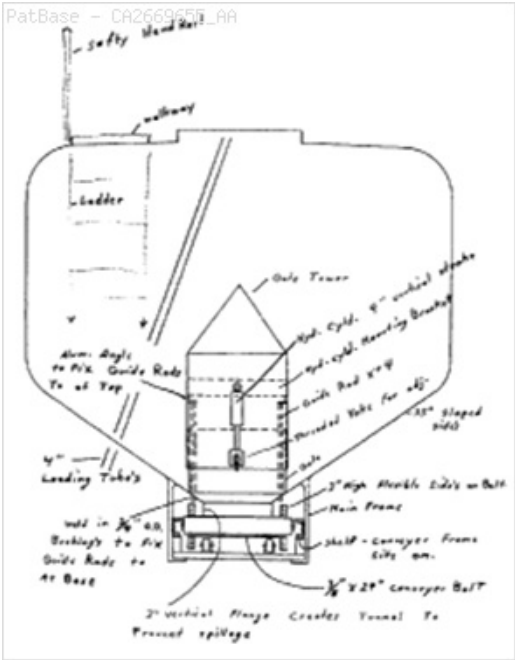
BROMLEY SCOTT ; HARDIN RAY D

Title: HIGH CAPACITY FRAC SAND TRANSPORT TRAILER

Abstract: Source: CA2669655A A trailer for transporting a bulk material including a bulk tank connected with a substructure, the bulk tank having an open bottom, a conveyor located beneath the bulk tank, gate system adapted for selectively controlling the release of the bulk material onto the conveyor, and a substructure comprising suspension means for supporting the trailer and coupling means for coupling the trailer and a drive unit.

Classifications:

International (IPC 8-9): B60P1/36 B60P3/22 B65D88/12
B65G67/24 (Advanced/Invention);
B60P1/36 B60P3/22 B65D88/00 B65G67/02 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
CA2669655 AA	20091220	CA20092669655	20090619

Priority:

US20080074362P 20080620

Probable Assignee:

SAND BOSS INC

Assignee(s): (std):

SAND BOSS INC

Assignee(s):

THE SAND BOSS INC

Inventor(s): (std):

FLEMING DAVID