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Search 3: container* (Results 1000000)
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Search 5: waste (Results 1000000)
Search 6: 4 and 5 (Results 3)
Search 7: piston (Results 1000000)
Search 8: 4 and 7 (Results 22)

1) Family number: 21818682 (US2432472A)

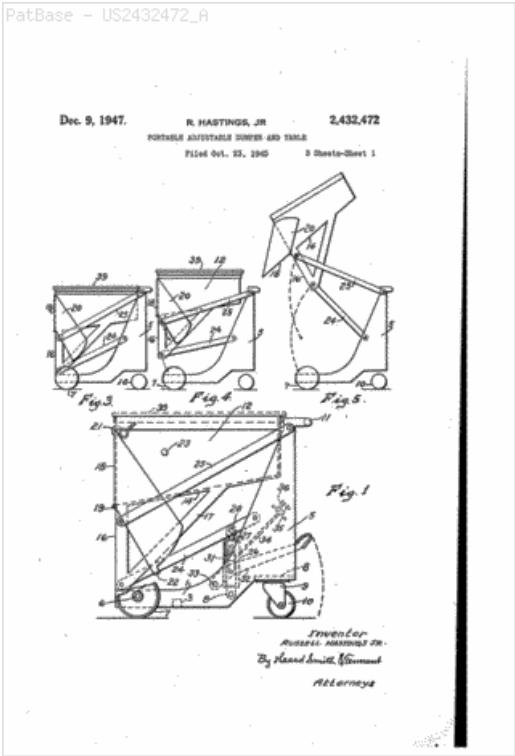
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Title: PORTABLE ADJUSTABLE DUMPER AND TABLE

Abstract: Source: US2432472A [EN] 1. A portable dumper comprising a. wheel supported frame having rigid parallel uprights; a receptacle, lifting mechanism including articulated members connecting the receptacle to the uprights operable upon actuation of the lifting mechanism and in cooperation therewith to raise the receptacle vertically in horizontal position to a. predetermined height and upon continuation of the lifting movement so to tilt the receptacle as to discharge the material therefrom.

Classifications:

International (IPC 8-9): B65G65/00 (Advanced/Invention);
B65G65/00 (Core/Invention)
International (IPC 1-7): A01D33/10 A01D41/12 B60P1/34
CPC: B65G65/00 B65G2814/0317
European: B65G65/00 L65G814/03A7B2
US: 298/11



Family:

Publication number	Publication date	Application number	Application date
US2432472 A	19471209	US19450623997	19451023

Priority:

US19450623997 19451023

Probable Assignee: SHEPARD CO LEWIS
Assignee(s): (std): LEWIS SHEPARD COMPANY ; SHEPARD CO LEWIS
Assignee(s): LEWIS SHEPARD CO
Inventor(s): (std): HASTINGS JR RUSSELL
Inventor(s): JR RUSSELL HASTINGS

2) Family number: 20425712 (GB691806A)

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Title: Hydraulic lifting device for vehicles

Abstract: Source: GB691806A [EN] [Dec. 19, 1949] No. 30871/50. Class 78 (iii). A hydraulic vehicle lift comprises a wheeled base frame 13, a vehicle engaging frame 14, connectin links 15 therebetween and four hydraulic thrusters 21 which engage links 15 intermediate their ends and which, when extended, lift the frame 14 into the position shown chain dotted in Fig. 1. The thrusters are fed with pressure fluid from a reservoir 23 by a pump 14 reciprocated by a motor 25, a limit switch (not shown) being operated by one of the links 15 to de-energize the motor when the load has been raised to a predetermined height. Lowering is effected by opening a valve which allows the fluid to return to the reservoir. In a modification (not shown) the pump may be actuated manually, and the wheels 5, 6 may be retracted, by movement of handle 9, before lifting the vehicle.

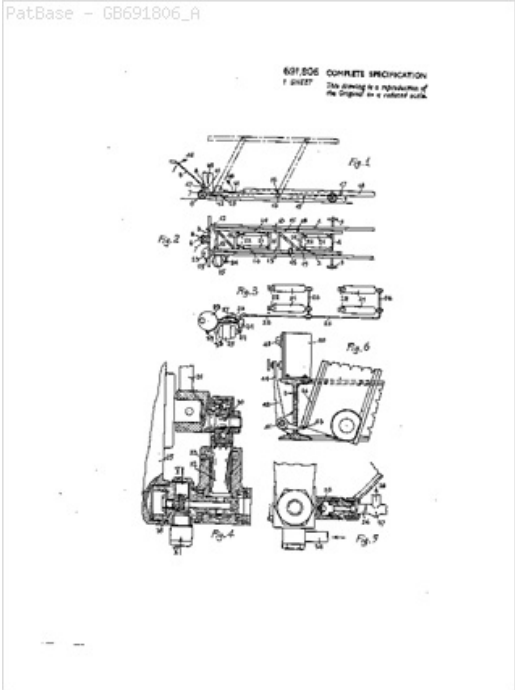
Classifications:

International (IPC 8-9): B62B3/06 (Advanced/Invention);
B62B3/04 (Core/Invention)

International (IPC 1-7): B66F7/08

CPC: B62B3/0612

European: B62B3/06C



Family:

Publication number	Publication date	Application number	Application date
GB691806 A	19530520	GB19500030871	19501219

Probable Assignee: STUDIO APPLIC BREVETTI IND S A

Assignee(s): (std): STUDIO APPLIC BREVETTI IND S A

Assignee(s): STUDIO APPLICAZIONI BREVETTI INDUSTRIALI S A B I SOC RESP LIM

3) Family number: 22343628 (US2763128A)

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Title: LOW LEVEL OIL CONTROL FOR HYDRAULIC LIFTING MECHANISM

Abstract: Source: US2763128A [EN] (Claim 1) 1. In a, lifting mechanism, a cylinder, a piston in said cylinder, a main oil container spaced from said cylinder, means for subjecting oil in said icontainer to air pressure, a secoiid oil container, a conduit leading from the lower portion of said main container to the upper portion of said secbnd container, a second conduit leading from the lower pqrtn of said se_cond container to said cylinder, said second,_onduit having a valve seat adjacent the inlet eild thereof, a tubular guide -in said second container l,leading to said valve seat and in open communication with said second container, a baffle separating said guide fr6m 'the oil entering said second container and having an opening adjacent the lower end thereof, and a buoyant valve member in said guide adapted to float in the oil in said guide and having a part to engage said valve seat wh,en the oil in said second container falls to a low level.

Classifications:

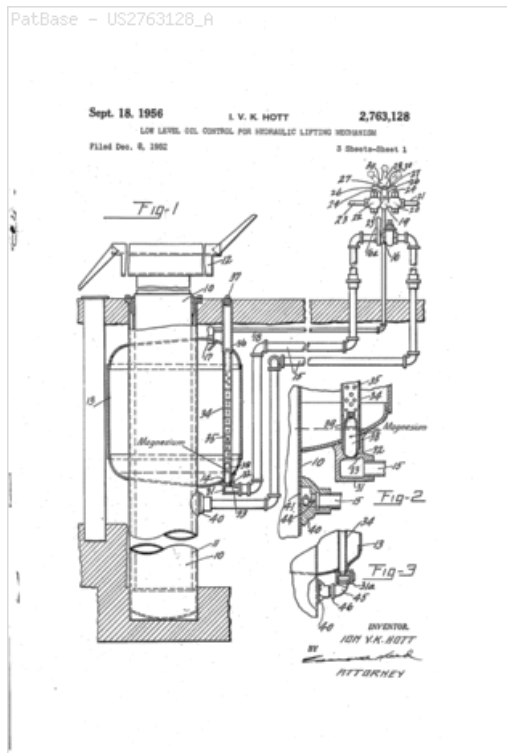
International (IPC 8-9): B66F7/18 (Advanced/Invention);
B66F7/10 (Core/Invention)

International (IPC 1-7): B66F7/16

CPC: B66F7/18 Y10T137/7326

European: B66F7/18

US: 137/399 254/89H 60/418 60/459 60/478

**Family:**

Publication number	Publication date	Application number	Application date
US2763128 A	19560918	US19520324755	19521208

Priority:

US19520324755 19521208

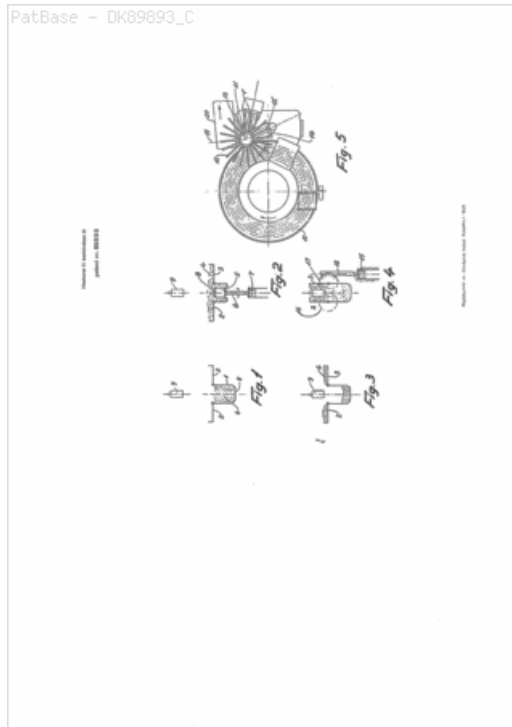
Probable Assignee: JOYCE CRIDLAND CO**Assignee(s):** (std): JOYCE CRIDLAND CO ; JOYCE CRIDLAND COMPANY**Assignee(s):** THE JOYCE CRIDLAND COMPANY**Inventor(s):** (std): HOTT ION V K**4) Family number: 39487765 (DK89893C)**

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Title: Apparat til overtraekning af frosne, spiselige formlegemer af creme med et pulverformet materiale. Apparatus for the withdrawal of the frozen, edible form elements of the cream with a powdered material. (Machine translation)

Abstract: Source: DK89893C [DA] [Source: Claim 1] 1. Apparat til overtraekning af frosne, spise- lige. formlegemer af creme med et pulverformet materiale, f. eks. kokosmel, kendetegnet ved, at det består af en opefter aben beholder med op- og nedad bevaegelig bund og af to eller flere parvis langs overkanten af hver sin af to modstaende vaegge i beholderen eller langs overkanten af hver sin udskaering i to modsta- ende vaegge af beholderen lejrede og fra vand- ret til lodret stilling svingelige klapper, samt ved organer, hvormed et i beholderen anbragt pulver kan skydes op pa disse klapper og disse derefter svinges opefter. **Machine translation:** [Source: Claim 1] 1. Apparatus for the withdrawal of the frozen, dining/straight. form elements of the cream with a powdered material, e.g. coconut, characterized by the fact that it shall consist of a upwards monkey container with the up and down moving base and of two or more in pairs along the edge of each of two correspond to turn on the walls in the container or along the edge of each its recess in the two modsta- end walls of the container lejrede and from water- right to vertical position svingelige flaps, as well as by bodies with which a in the container placed powder can be slid up pa these flaps and then these swung upwards.

Classifications:**International (IPC 8-9):** A23G (Subclass/Invention)**International (IPC 1-7):** A23G

**Family:**

Publication number	Publication date	Application number	Application date
DK89893 C	19601024	DK19580003398	19580919

Priority:

DK19580003398 19580919

Probable Assignee:

GRAM BRDR AS

Assignee(s): (std):

GRAM BRDR AS

Assignee(s):

BROEDRENE GRAM A S

5) Family number: 20922869 (GB883560A)

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Title: Improvements in and relating to hydraulic jack installations for motor vehicles

Abstract: Source: GB883560A [EN] 883,560. Hydraulic jacks. ZAHNRADFABRIK FRIEDRICHSHAFEN A.G. June 19, 1959 [June 19, 1958], No. 21207/59. Class 78 (3). [Also in Group XXXI] In an hydraulic lifting mechanism in which a pump 4 is operated from a vehicle, e.g. tractor, gear-box 2 (through the shaft 12), fluid is supplied to the lifting ram 10 through a conduit 6 and valve 7 and returned through the valve 7 and a conduit 8, the pump supply line 5 and return line 8 both leading to the same filter 3.

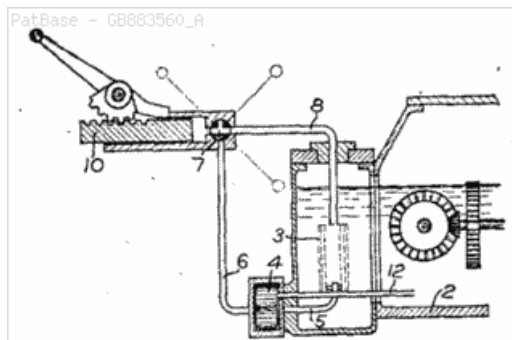
Classifications:**International (IPC 8-9):** A01B63/10 B60S9/10

F15B21/04 (Advanced/Invention);

A01B63/10 B60S9/00 F15B21/00 (Core/Invention)

International (IPC 1-7): A01B63/10 B01D37/04 B60K23/00

B60K25/04 B62D49/02 B66F3/42 F15B21/04

CPC: A01B63/1013 B60S9/10 F15B21/041**European:** A01B63/10 A01B63/10A2 B60S9/10 F15B21/04B**Family:**

Publication number	Publication date	Application number	Application date
CH392963 A	19650531	CH19590074596	19590618
DE1124831 B	19620301	DE1958Z006715	19580619
GB883560 A	19611129	GB19590021207	19590619

Priority:

DE1958Z006715 19580619

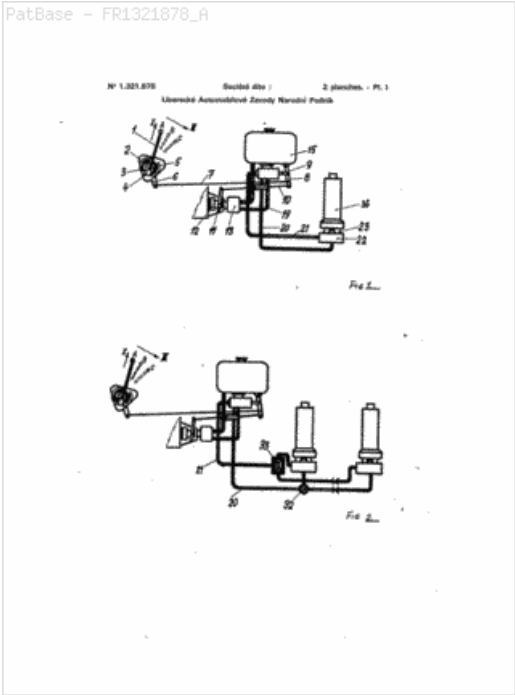
Probable Assignee: ZAHNRADFABRIK FRIEDRICHSHAFEN**Assignee(s):** (std): ZAHNRADFABRIK FRIEDRICHSHAFEN**Assignee(s):** ZAHNRADFABRIK FRIEDRICHSHAFEN AG ; ZAHNRADFABRIK FRIEDRICHSHAFEN AKTIENGESELLSCHAFT**Inventor(s):** (std): LEISTNER KURT ; KURT LEISTNER

Title: DISPOSITIF DE COMMANDE POUR MECANISME HYDRAULIQUE DE LEVAGE DES SUPERSTRUCTURES BASCULANTES DE VEHICULE
CONTROL DEVICE FOR LIFTING MECHANISM OF HYDRAULIC TIPPING SUPERSTRUCTURES VEHICLE
(Machine translation)

Abstract: Source: FR1321878A [FR] (Claim 1) 1 Un dispositif de commande pour mecanisme hydraulique de levage de superstructure basculante des vehicules et de leurs remorques dans lesquels le liquide debite par la pompe apres atteinte du basculement maximal. du plateau de charge est ra mene par le circuit de pression dans le reservoir a liquide par l'intermediaire des soupapes de butee ou d'extremite, comportant un levier de commande, des dispositifs de reglage et de commande et des organes d'actionnement du mecanisme de bascule- ment de la remorque, ce dispositif consistant essen- tiellement en ce que, dans le cylindre de commande vis-a-vis de la face avant du coulisseau de com mande et coaxialement a l'espace cylindrique relie par sa face externe par la canalisation de retour a la chambre de soupapes du cylindre de travail, est monte un piston libre coulissable axialement et qui comporte une deviation susceptible d'etre fer mee par une soupape d'arret agissant sous l'effet d'un choc du liquide dans la canalisation de retour, contre la pression exercee par le ressort de ladite soupape.

Machine translation: (Claim 1) a control device for a hydraulic lifting mechanism for tilting superstructure of vehicles and their trailers in which the liquid delivered by the pump after reaching the tipping maximal. du load plate is led by the ra circuit pressure in the liquid reservoir has the intermediate valves abutment or extremity, with a control lever, adjustment devices and control and actuating mechanism of the switch-ing of the trailer, this device consisting essentially in that, in the control cylinder vis-a-vis the front of the slide coaxially a com request and connects the cylinder space by its external face by the return pipe to the chamber valves of the working cylinder, is mounted a free piston axially coulissable and which has a deviation may be iron mee by a check valve acting under the effect of an impact of the liquid in the return line, against the pressure exerted by the spring of said valve.

Classifications:
International (IPC 8-9): B60P1/16 (Advanced/Invention);
B60P1/04 (Core/Invention)
International (IPC 1-7): B60P1/16
CPC: B60P1/162
European: B60P1/16B



Family:

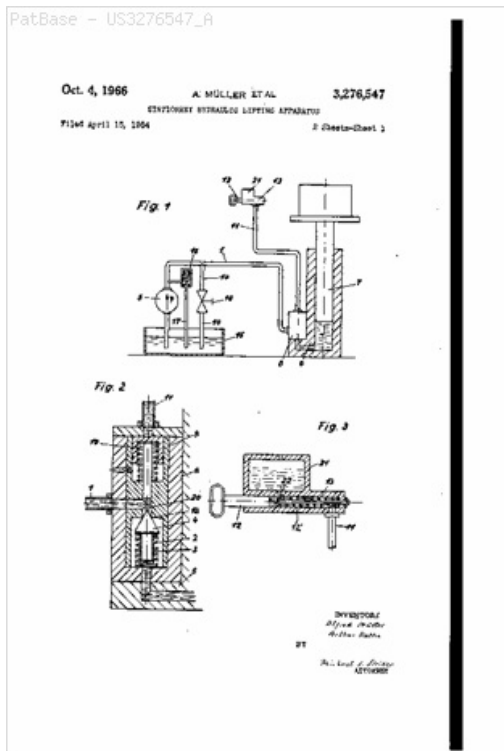
Publication number	Publication date	Application number	Application date
FR1321878 A	19630322	FR19620897140	19620510

Priority:
FR19620897140 19620510
Probable Assignee: LIBERECKE AUTOMOBILOVE ZD Y NA
Assignee(s): (std): LIBERECKE AUTOMOBILOVE ZD Y NA
Assignee(s): LIBERECKE AUTOMOBILOVE ZAVODY NARODNI PODNIK

Title: STATIONARY HYDRAULIC LIFTING APPARATUS

Abstract: Source: GB1072375A [EN] 1,072,375. Garage lifts; jacks. HANSEATISCHE INDUSTRIE-BETEILIEUNGEN G.m.b.H. Dec. 17, 1963 [July 4, 1963], No. 49870/63. Headings B8H and B8J. In a garage lift, the load platform 10 is mounted on a cylinder 6 which is movable on a hollow piston rod 7 secured to a cylinder 2 which is suspended below ground level and which constitutes an hydraulic fluid reservoir. Lateral bending forces produced by uneven loading of the load platform are absorbed by a fixed bush 13 which engages a guide tube 11 secured to the lifting platform.

Classifications:
International (IPC 8-9): B66F7/18 (Advanced/Invention);
B66F7/10 (Core/Invention)
International (IPC 1-7): B66F7/18
CPC: B66F7/18
European: B66F7/18
US: 187/215 251/321 254/93R 91/468 91/469

**Family:**

Publication number	Publication date	Application number	Application date
DE1209268 B	19660120	DE1963F040146	19630704
DE1278081 B	19680919	DE1964F041909	19640204
GB1072375 A	19670614	GB19630049870	19631217
NL6403407 A	19640625	NL19640003407	19640331
US3276547 A	19661004	US19640360020	19640415

Priority:

DE1963F040146 19630704 DE1964F041909 19640204 DE1964F041975 19640210

Probable Assignee: FLUGTECHNISCHE WERKE VER

Assignee(s): (std): FLUGTECHNISCHE WERKE VER ; HANSEATISCHE IND BETEILIGUNGEN ; VER FLUGTECHNISCHE WERKE ; VER FLUGTECHNISCHE WERKE G M B

Assignee(s): VEREINIGTE FLUGTECHNISCHE WERKE GESELLSCHAFT MIT B ; VEREINIGTE FLUGTECHNISCHE WERKE G M B H ; VEREINIGTE FLUGTECHNISCHE WERKE GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG FRUEHER gt gt WESE ; VEREINIGTE FLUGTECHNISCHE WERKE GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG FRUEHER IAWESER ; HANSEATISCHE INDUSTRIE BETEILIGUNGEN GESELLSCHAFT ; HANSEATISCHE INDUSTRIE BETEILIGUNGEN GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ; FLUGTECHNISCHE WERKE G M B VER ; FLUGTECHNISCHE WERKE GES M VER ; FLUGTECHNISCHE WERKE GES MIT BESCHRAENKTER HAFTUNG FRUEHER WESE VER ; FLUGTECHNISCHE WERKE GMBH VER

Inventor(s): (std): ALFRED MULLER ; ARTHUR ROTHE ; MUELLER DIPL ING ALFRED ; ROTHE ARTHUR

Inventor(s): MULLER ALFRED

8) Family number: 29881457 (US3380247A)

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Title: Hydraulic arrangement including a piston pump with adjustment and reversible output

Abstract: Source: US3380247A [EN] ABSTRACT OF THE DISCLOSURE

A pump arrangement including a cylinder member, a piston member slidably guided in the cylinder member, a hollow piston rod connected to the piston member and projecting in a sealed manner through one end of the cylinder member, and valves and passage means providing communication between the interior of the hollow piston rod and the cylinder spaces to opposite sides of the piston member, wherein the position of one of the members relative to the other is adjustable from a neutral position to an adjusted position to either side of the neutral position to change the magnitude and direction of the output of the pump during oscillation of one of the members relative to the other about the adjusted position.

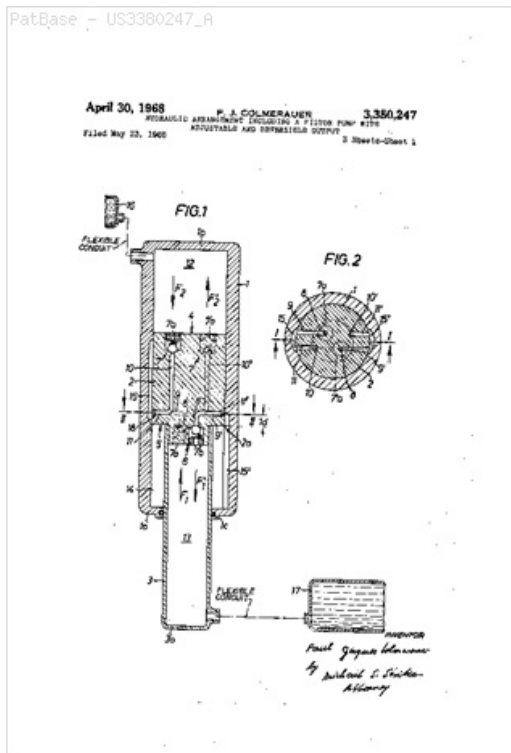
Classifications:

International (IPC 8-9): B60G17/044 F04B9/10 (Advanced/Invention); B60G17/04 F04B9/00 (Core/Invention)

CPC: B60G17/044 F04B9/10

European: 59A19G 59A19K B60G17/044 F04B9/10

US: 267/64.11 417/231 417/315 417/546

**Family:**

Publication number	Publication date	Application number	Application date
FR1454425 A	19660211	FR19650019260	19650602
GB1128092 A	19680925	GB19660022178	19660518
US3380247 A	19680430	US19660552173	19660523

Priority:

FR19650019260 19650602

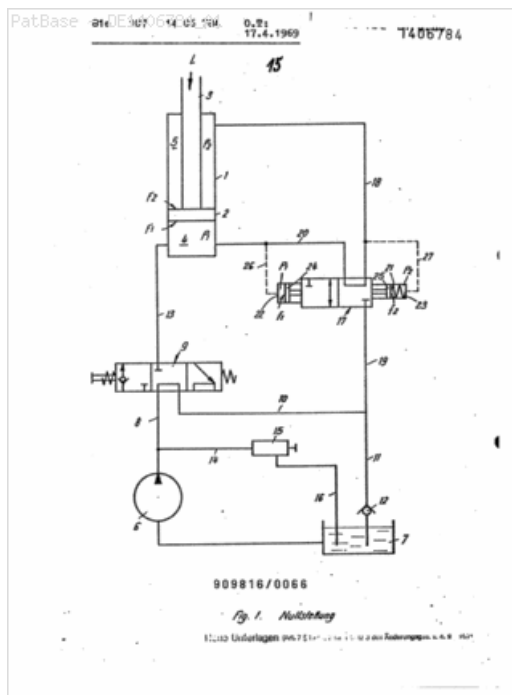
Probable Assignee: HOESCH AG**Assignee(s):** (std): HOESCH AG**Assignee(s):** HOESCH AKTIENGESellschaft**Inventor(s):** (std): COLMERAUER PAUL JACQUES ; JACQUES COLMERAUER PAUL**9) Family number: 244917 (DE1406784A1)**

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Title: HUBSTAPLER MIT HYDRAULISCHEM HUBWERK Reach trucks WITH HYDRAULIC LIFT (Machine translation)

Abstract: Source: DE1406784A1 [DE] [Source: Claim 1] Patentanspruch: Hubstapler mit hydraulischem Hubwerk in Form eines Zylinderkolbenantriebs mit doppelt beaufschlagtem Kolben, dessen in Hubrichtung wirksame Kolbenfläche grösser ist als seine entgegen der Hubrichtung wirkende Fläche, und mit einem Umschaltventil, das in einer ersten Stellung die der kleineren Kolbenfläche zugeordnete Zylinderkammer mit dem Behälter der hydraulischen Anlage und in einer zweiten Stellung beide Zylinderkammern miteinander verbindet, wobei das Umschaltventil in Abhängigkeit von der Grösse der Nutzlast umsteuerbar ist und sein Ventilkörper in Richtung seiner Beweglichkeit unter der Einwirkung einer dem auf die grössere Kolbenfläche wirkenden Druck proportionalen Kraft und einer dieser entgegengesetzten, im wesentlichen konstanten Kraft, insbesondere einer Feder, steht, dadurch gekennzeichnet, dass der Ventilkörper des Umschaltventils (17) in Richtung seiner Beweglichkeit ausserdem unter der Wirkung einer Kraft (f 2P2) steht, die dem auf die kleinere Kolbenfläche (F2) wirkenden Druck (p2) proportional ist und im gleichen Sinne wirkt wie die im wesentlichen konstante Kraft (C), **Machine translation:** [Source: Claim 1] claim: Reach trucks with hydraulic lift in the form of a cylinder-piston drive with double impinged piston whose effective in stroke direction piston area is bigger than its against the stroke direction acting Area, and a switching valve in a first position the the to dress Neren Kolbenfläche assigned cylinder chamber with the be Fuseholders the hydraulic system and in a second Stellung both cylinder chambers to one another, wherein the switching valve in dependence on the size of the useful load is reversible and be Ventilkörper towards is ner mobility under the influence of the forces acting on the bigger Kolbenfläche pressure proportional force and one of those opposite, substantially constant force, in particular a spring, is because - gekennzeichnet through 5 that the Ventilkörper the changeover valve (17) mobility in the direction of loading also under the action of a force (f 2P2) is corresponding to the to the smaller Kolbenfläche (F2) acting pressure (p2) is proportional to and in the same sense acts as the substantially constant force (C),

Classifications:**International (IPC 8-9):** B66F9/22 F15B11/024 (Advanced/Invention); B66F9/20 F15B11/00 (Core/Invention)**International (IPC 1-7):** B66F9/22 F15B11/04**CPC:** B66F9/22 F15B11/024 F15B2011/0243 F15B2211/30525 F15B2211/3058 F15B2211/3116 F15B2211/31529 F15B2211/31576 F15B2211/324 F15B2211/329 F15B2211/45 F15B2211/75**European:** B66F9/22 F15B11/024 R15B11/024M R15B211/305F R15B211/305H10F R15B211/310B20 R15B211/315D10 R15B211/315H10 R15B211/320B20 R15B211/320F R15B211/450 R15B211/750



Family:

Publication number	Publication date	Application number	Application date
DE1406784 A1	19690417	DE19631406784	19630802

Priority:

DE1963C030603 19630802

Probable Assignee:

CREDE AND CO GMBH GEB

Assignee(s): (std):

CREDE AND CO GMBH GEB

Assignee(s):

GEBR CREDE AND CO GMBH

Inventor(s): (std):

STEIGER WILLI

10) Family number: 412595 (DE1555405A1)

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Title: EINRICHTUNG ZUM BETAETIGEN DER SPERRE DES AUSGLEICHSGETRIEBES FUER LANDWIRTSCHAFTLICHE ZUGMASCHINEN OD.DGL. Means for actuating the LOCK OF DIFFERENTIAL GEAR FOR AGRICULTURAL TRACTORS OR THE LIKE. (Machine translation)

Abstract: Source: DE1555405A1 [DE] (Claim 1) P a t e n t a n s p r u c h e 1. Vorrichtung zum Betaetigen der Sperre des Ausgleichsgetrie bes fuer landwirtschaftliche Zugmaschinen oder dgl. mit Hilfe eines Druckmittels, dessen Kreislauf durch eine Ne benleitung an den Druckmittelkreislauf eines hydraulischen Hubwerkes zum Heben und Senken eines am Dreipunktgestaenge angeordneten Geraetes angeschlosssen ist.

Machine translation: (Claim 1) surface ue P atentanspr first Device for actuating the lock of the Ausgleichsgetrie better for agricultural tractors or the like with the help of a pressure medium, whose circulation is sen connected by a Ne benleitung to the pressure medium circuit of a hydraulic lifting mechanism for lifting and lowering the Dreipunktgestaenge away unit ss.

Classifications:

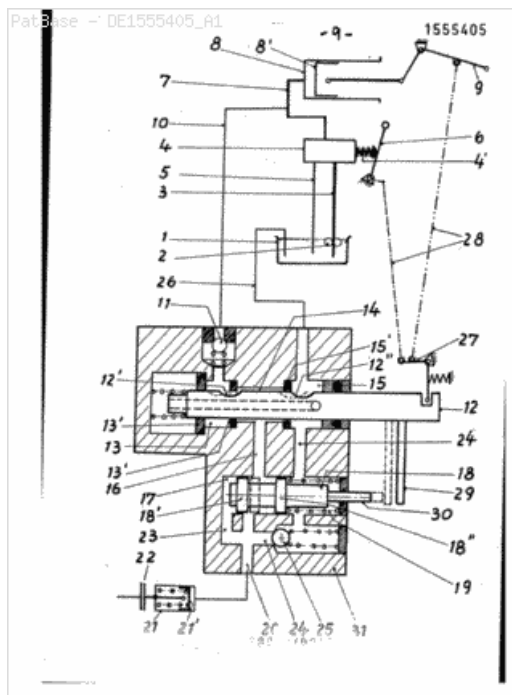
International (IPC 8-9): B60K23/04 F16D48/12 (Advanced/Invention);

B60K23/04 F16D48/00 (Core/Invention)

International (IPC 1-7): B60K23/04

CPC: B60K23/04

European: B60K23/04



Family:

Publication number	Publication date	Application number	Application date
DE1555405 A1	19710218	DE19671555405	19670218

Priority:

DE1967F051567 19670218

Probable Assignee: FENDT AND CO XAVER
Assignee(s): (std): FENDT AND CO XAVER
Assignee(s): XAVER FENDT AND CO
Inventor(s): (std): FENDT HERMANN ; MUELLER HUBERT

11) Family number: 2107777 (GB1506646A)

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Title: HYDRAULIC LIFTING MECHANISMS

Abstract: Source: GB1506646A [EN] 1506646 Hydraulic lifting devices JUNGHEINRICH UNTERNEHMENSVERWALTUNG KG 21 March 1975 [22 March 1974] 11968/75 Heading F1D A hydraulic lifting device comprising a pump unit 12, 13, Fig. 1, a pump operating lever 1, and a lift cylinder 5, has an adjusting device 17, 21 responsive to the hydraulic pressure in the lifting cylinder which continuously varies the leverage between the lever 1 and an actuating member 36 of the pump unit in dependence on the hydraulic pressure. As described, the pump plunger 13 is depressed by the lever 36 which carries a roller 35 and is pivoted to the frame at 37. The handle 1 moves links 31 and 29 and the latter bears on the member 36. One pivot 27 of the lever 29 is supported by a member 23 which is pivoted about an axis 25 by the adjusting device 17, 21 to vary the leverage exerted by the operating lever 1. As the pressure in the lifting cylinder rises the pistonrod 21 is extended against springs 20 and the pivot 27 is moved to the left by the member 23 so that the leverage is increased with a proportional decrease in the stroke of the pump. The device is used in a fork-lift truck. Check valves are provided in the hydraulic circuit, Fig. 2 (not shown), and are simultaneously mechanically opened to allow the forks to descend.

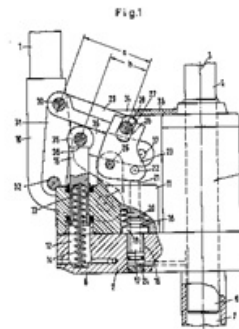
Classifications:

International (IPC 8-9): B62B3/065 F04B49/12 (Advanced/Invention);
B62B3/04 F04B49/12 (Core/Invention)

International (IPC 1-7): B66F13/00 B66F9/00 B66F9/04 B66F9/06
F15B15/18

CPC: B62B3/0618 F04B49/12

European: B62B3/06F F04B49/12

**Family:**

Publication number	Publication date	Application number	Application date
DE2413874 A1	19751002	DE19742413874	19740322
FR2264762 A1	19751017	FR19750008759	19750320
FR2264762 B1	19800801	FR19750008759	19750320
GB1506646 A	19780405	GB19750011968	19750321
SE391511 B	19770221	SE19750003116	19750319
SE391511 C	19770613	SE19750003116	19750319
SE7503116 A	19750923	SE19750003116D	19750319

Priority:

DE19742413874 19740322

Probable Assignee: JUNGHEINRICH KG**Assignee(s):** (std): JUNGHEINRICH KG**Assignee(s):** JUNGHEINRICH UNTERNEHMENSVERWALT ; JUNGHEINRICH UNTERNEHMENSVERWALT DT ; JUNGHEINRICH UNTERNEHMENSVERWALTUNG KG ; JUNGHEINRICH UNTERNEHMENSVERWALTUNG KG 2000 HAMBURG**Inventor(s):** (std): BERG H VOM ; BERG HUGO VOM ; PETERSEN C ; PETERSEN CARSTEN ; VOM BERG H ; VON BERG H**Inventor(s):** PETERSEN CARSTEN 2000 NORDERSTEDT ; BERG HUGO VOM 2407 BAD SCHWARTAU**12) Family number: 3986257 (GB1434709A)**

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Title: DEVICE FOR MOUNTING ON A LORRY FOR HANDLING CONTAINERS LYING UNDER GROUND LEVEL

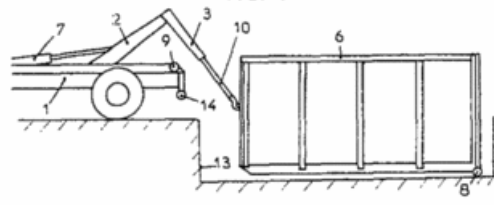
Abstract: Source: GB1434709A [EN] 1434709 Contains traffic loading vehicles with containers BENNES MARREL 19 Dec 1974 55326/74 Heading B8Q A vehicle 1 having a two part bent derrick 2, 3 actuated by a ram 7 to load over rollers 9 a container 6 having rollers 8 has an hydraulically extendable tube 10 hookable to the container to allow it to be lifted from below ground level as from the pit 13. When the front of the container 6 has been lifted out of the pit the part 3 of the derrick is contacted and the container is loaded on to the vehicle by the ram 7 which when the container is subsequently secured to the part 2 can also be used to tip the container while it is on the vehicle 1.

Classifications:**International (ipc 8-9):** B60P1/64 (Advanced/Invention);

B60P1/64 (Core/Invention)

International (ipc 1-7): B65J1/20**CPC:** B60P1/6463**European:** B60P1/64C5

FIG. 2

**Family:**

Publication number	Publication date	Application number	Application date
GB1434709 A	19760505	GB19740055326	19741219

Priority:

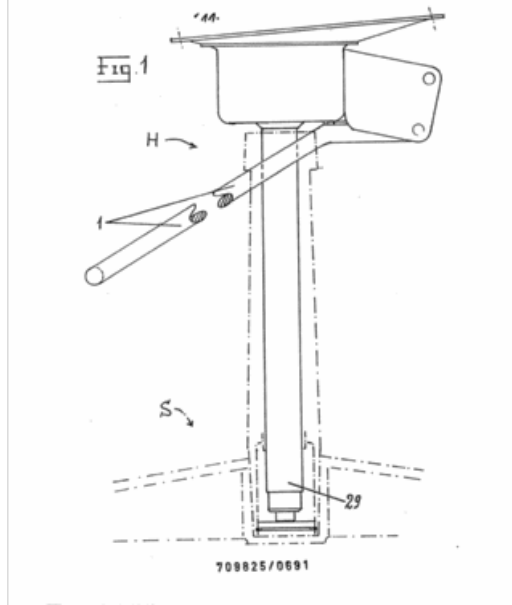
GB19740055326 19741219

Probable Assignee:

BENNES MARREL

Assignee(s): (std):

BENNES MARREL

**Family:**

Publication number	Publication date	Application number	Application date
DE2655312 A1	19770623	DE19762655312	19761207

Priority:

CH19750015966 19751209

Probable Assignee:

FLODIN YNGVE

Assignee(s): (std):

FLODIN YNGVE

15) Family number: 1830397 (DE2941454A1)

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Title: HEBEVORRICHTUNG FUER TISCHE WORK TABLE HYDRAULIC LIFTING MECHANISM - HAS FOOT OPERATED CYLINDER WITH VERTICAL PISTON ROD CONNECTED TO BOTTOM OF LAZY TONGS LINKAGE

Abstract: Source: DE2941454A1 [DE] HEBEVORRICHTUNG FUR TISCHE PATENTANSPRUCHE 1 Hebevorrichtung fuer Tische mit einem ausfahrbaren Gelenkgestaenge aus sich schneidenden, in den Schnittpunkten gelenkig miteinander verbundenen, an einem Rahmen befestigten Armen zur Abstuetzung eines Tisches, einer Hydraulik-Einrichtung mit einem Hydraulikzylinder mit ausfahrbarer Kolbenstange, einer Pumpe zum Zufuehren eines oels zu dem Hydraulikzylinder und einem oelbehaelter, welche Hydraulik-Einrichtung ueber eine Grundplatte an dem Rahmen befestigt ist, dadurch gekennzeichnet, dass die Kolbenstange (62) aus dem Hydraulikzylinder (61) im wesentlichen senkrecht nach oben austritt und am vorderen Ende mit dem unteren Bereich von zwei Armen (3) verbunden ist, und dass die Kolbenstange (62) die Arme (3) in der abgesenkten Position der Arme im wesentlichen im rechten Winkel schneidet 2. [EN] The lifting system for a work table is suitable for a trolley with an overhanging arm carrying a holder for a workpiece to be assembled with another workpiece on the table. The table can be supported by a lazy tongs linkage (2) on the wheeled base frame (1). Supported under the frame is a hydraulic piston and cylinder (6) operated by a foot pump, and with its vertical piston rod connected at the top to a lower link (3) of the lazy tongs. When the table is lowered, the piston rod is at right angles to this lower link. The hydraulic cylinder (61) is enclosed by an outer cylinder (65) and the space between them forms the oil container.

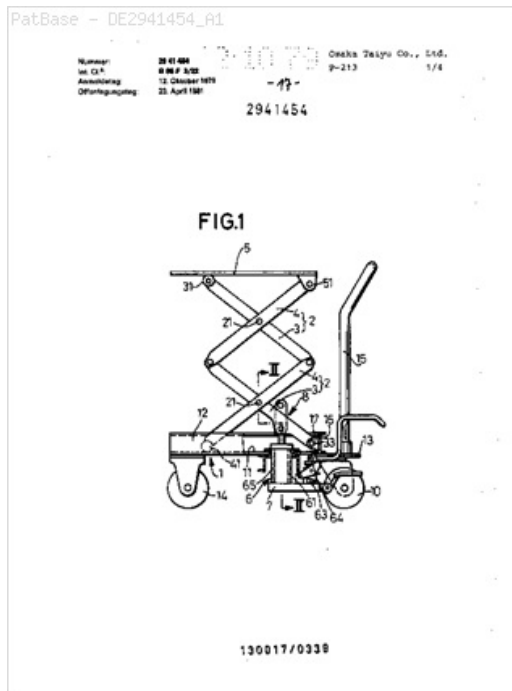
Classifications:

International (IPC 8-9): B66F7/08 (Advanced/Invention);
B66F7/06 (Core/Invention)

International (IPC 1-7): B66F3/22

CPC: B66F7/0625 B66F7/0666 B66F7/08

European: B66F7/06M B66F7/06X2 B66F7/08



Family:

Publication number	Publication date	Application number	Application date
DE2941454 A1	19810423	DE19792941454	19791012
DE2941454 C2	19850314	DE19792941454	19791012

Priority:

DE19792941454 19791012

Probable Assignee: OSAKA TAIYU KK

Assignee(s): (std): OSAKA TAIYU KK

Assignee(s): OSAKA TAIYU CO ; OSAKA TAIYU CO LTD ; OSAKA TAIYU CO LTD OSAKA JP

Inventor(s): (std): FUJITA HIROMU

Inventor(s): FUJITA HIROMU YAMASHINA KYOTO JP

16) Family number: 6503411 (SU922034T)

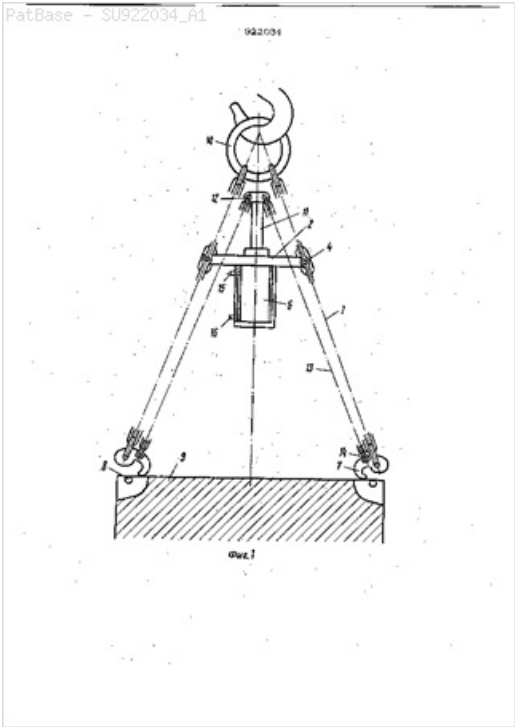
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Title: DEVICE FOR ENGAGING CONTAINERS

Abstract: Source: SU922034T **Machine translation:** Invention relates to podemnotransportnoy-art in particular for devices for container hvatnym. Known gripping apparatus konteyvfov comprising yoke attached thereto two pairs of flexible gripping bodies at the ends with hooks mounted on a traverse rod for up cylinder automatic otstropki container, and means for hanging on the hook of the lifting machine I disadvantage of the known device. is that the rod is subjected to stress shot nym through contact with the upper wall of the container. Moreover, this dismantling device precludes faulty cylinder further use of the gripping device. The purpose of the invention - increase productivity cargo fazgruzochnyh works by eliminating downtime failure mechanism of automatic-lanyard. Said aim is achieved in that the flexible gripping upper ends attached to a means for hanging on a hook of the lifting machine. a flexible rod attached to the upper ends of the rod gidrotsilandra. Fig. 1 shows the proposed gripper; Fig. 2 - traverse. Top view; Fig. 3 - node compound flexible rod with a hook. Gripping device has flexible gripping one with reinforced them traverse 2. Having curly protrusions 3 are located in the fingers 4 and 5 holes for attaching the cylinder 6. Lower ends of the flexible gripper bodies 1 are connected with hooks 7, designed for institutions in 8 9 loop container, and the upper - with a ring 10, hang on a hook lifting device. The mechanism of automatic otstropki container formed as vertical but fixed to traverse two double-acting hydraulic cylinder 6 within which the piston is housed with the rod 11. End of the rod 11 through the plate 12 connected to the upper ends of the flexible rods 13. Lower ends of said rods 13 through removable lugs 14 are associated with hooks 7. G Cylinder choke has 15 and 16 for a Reported subpiston and above the piston cavities. In curly ledges traverse 3 2 units located across the gripping bodies are missing fingers 4, blah what Godard is performed fixing mechanism otstropki automatic assembly. After shaped protrusions 3 and m gfohod flexible rods 13. Gripping device operates as follows. Lifting mechanism with attached hook on his gripping device-CTBOMj 6 cylinder which is connected to the hydraulic mechanism, drives, for example, to the container. During entrance statement with gidppacIfedelitel (not shown) hydraulic lifting mechanism translates porschen with the rod 11 of the hydraulic cylinder 6 in the lowest position, as a result of which the hy-Kie thrust discharge valve 13 ton and 7 okazhuts hooks in the position required for their institution in loop 8 of the container 9. After inserting hooks into the loops 7 8 9 to container gripper MOVEMENT is up, its flexible bodies 1 and are pulling the container 9 moves. When the container will drop and flexible gripping proslab 1 ton, the operator using rasIfedelitel translates the piston to the rod 11 of the hydraulic cylinder 6 in the uppermost position, resulting in flexible rods 13 podnimuts and hooks 7, turned to come out of engagement with the loops of 8 container 9Posleduyuschee moving gripper enables up repeating the cycle of loading and unloading. Failure in the hydraulic cylinder scoured connection it requires repair or replacement, automatic mechanism otstropki container mounted de-i, which is sufficient to remove the four fingers of curly projections traverse 3 2 7 release of the hooks with removable lugs 14 flexible rods -13 and disconnect hydraulic hoses (not shown) from the nozzles 15 and 16.; In this case the automatic dismantling mechanism otstropki container does not preclude further use of the gripping device as flexible gripping suspension kinematics of lifting mechanism between the hook and the container is not violated, shaets that are essential and very important in gfovedenii loading and unloading, and this provided economic effect. claims are gripping device for containers containing yoke attached to the flexible gripping it with hooks at the ends mounted on the boom cylinder schtokom up with flexible rods for automatic otstropki container and means for hanging on the hook of the lifting machine, characterized in that, with purpose of increasing hfoizvoditelnosti handling equipment works, flexible gripping the upper ends are attached to an agent for hanging on the hook of the lifting machine, and flexible rod attached to the upper kontsam.i rod cylinder. Sources of information hfin tye into account in the examination 1. USSR Author's Certificate number 498252, cl. In the 66 C 1/66, 1973 (prototype). w

Classifications:

International (IPC 8-9): B66C 1/66 (Advanced/Invention);



Family:

Publication number	Publication date	Application number	Application date
SU922034 A1	19820423	SU19792833595	19791026
SU922034 T	19820423	SU19792833595	19791026

Priority:

SU19792833595 19791026

Probable Assignee: MEKH PROIZV POGRUZOCHNO RAZGRU

Assignee(s): (std): MEKH PROIZV POGRUZOCHNO RAZGRU

Assignee(s): U MEKH PROIZV POGRUZOCHNO RAZGRUZOCHNYKH RABOT GL ; U MEKH PROIZV POGRUZOCHNO RAZGRUZOCHNYKH RABOT GL U AVTOMOBILNOGO TRANSPORTA MOSGORISPOLKOMA ; U MEKH PROIZV POGRUZOCHNO-RAZGRUZOCHNYKH RABOT GL U AVTOMOBILNOGO TRANSPORTA MOSGORISPOLKOMA

Inventor(s): (std): CHUPRIKOV VLADIMIR V

Inventor(s): CHUPRIKOV VLADIMIR V SU

17) Family number: 8526225 (NL8801768A) © PatBase

Title: HEIGHT ADJUSTABLE MOTOR VEHICLE TRAILER - HAS PLATFORM, FRONT, REAR AND SIDE WALLS AND HYDRAULIC LIFTING MECHANISM

Abstract: Source: NL8801768A [EN] The trailer includes load platform coupled to a support frame in such a way that platform in relation to rotary centre line of wheels is movable vertically from a drive position to a position level with road surface. The trailer has a load box (1) formed by load platform (2) side walls (3.3') front wall (4) and draw beams (5). Beams (6.6') support wheels (7.7') with common shaft (8). Hydraulic piston/cyl unit (13.13') is hinge connected to beams (11.11') at one end, at other end to side beams (6.6').

Classifications:

International (IPC 8-9): B60P1/02 B60P3/035 (Advanced/Invention);
B60P1/02 B60P3/00 (Core/Invention)

International (IPC 1-7): B60P1/02 B60P3/035

CPC: B60P1/027 B60P3/035

European: B60P1/02D B60P3/035

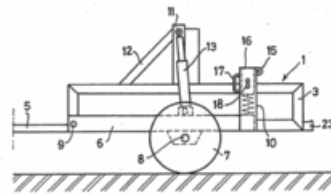


FIG. 1.

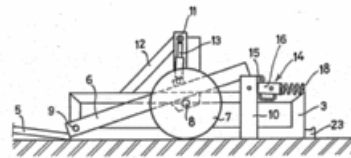


FIG. 2.

. 8801768

Family:

Publication number	Publication date	Application number	Application date
NL8801768 A	19900201	NL19880001768	19880712

Priority:

NL19880001768 19880712

Probable Assignee: DUTCH RENTAL BV**Assignee(s):** (std): DUTCH RENTAL B V ; DUTCH RENTAL BV**Assignee(s):** DUTCH RENTAL TE WEERT BV ; DUTCH RENTAL B V TE WEERT**18) Family number: 7879390 (DE3915093A1)**

© PatBase

Title: Measuring laden wt. of transport arrangement, e.g. lorry - raising load with hydraulic system and measuring hydraulic pressure whilst hydraulic pump not supplied

Abstract: Source: DE3915093A1 [EN] The load to be measured is raised by a hydraulic lifting mechanism until it is at least mainly supported by the mechanism and the hydraulic press. is measured with the hydraulic pump (11) not being supplied. For a tipper or trailer the platform is successively lifted to the right and left and the hydraulic press. measured each time. USE/ADVANTAGE - Determining laden wt. of transport arrangement such as lorry. Can be used at any time to check laden wt. of a vehicle independently of a fixed weighing installation.

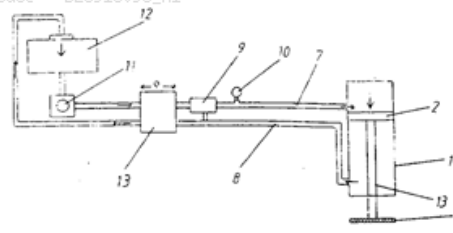
Classifications:**International (ipc 8-9):** B60P5/00 G01G19/10

G01G5/04 (Advanced/Invention);

B60P5/00 G01G19/08 G01G5/00 (Core/Invention)

International (ipc 1-7): B60P5/00 G01G19/10 G01G5/04 G01L9/00**CPC:** G01G5/04 G01G19/10**European:** G01G19/10 G01G5/04

PatBase - DE3915093_A1

**Family:**

Publication number	Publication date	Application number	Application date
DE3915093 A1	19900920	DE19893915093	19890509
DE3915093 C2	19930304	DE19893915093	19890509

Priority:

DE19893907172 19890306

DE19893915093 19890509

Probable Assignee: RACK KARL**Assignee(s):** (std): RACK KARL**Assignee(s):** RACK KARL 8752 SCHOELLKRIPPEN DE**Inventor(s):** (std): RACK KARL**Inventor(s):** RACK KARL 8752 SCHOELLKRIPPEN DE**19) Family number: 5355947 (ES2016752A)**

© PatBase

Title: Gathering machine which can be coupled to agricultural tractors

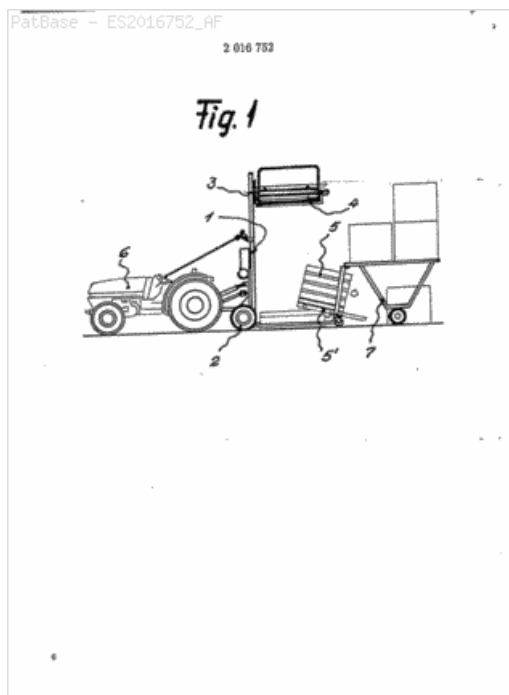
Abstract: It consists of a hoist platform whose motor, in addition to raising the hoist platform by means of a hydraulic transmission, electrovalves and a differential, makes it possible to displace the tractor and hoist combination, and in addition it is equipped with a mechanism, linked by a longitudinal transmission to the steering wheel of the tractor, for controlling the advance of the latter between the rows of trees in accordance with the impulses emitted by a sensor device fastened in an adjustable manner to the tractor. The platform of the hoist has a particular structure which facilitates the unloading of the pallets. In order to carry out pruning tasks, pneumatic shears may be coupled, with the corresponding air boiler and compressor.

Classifications:

International (IPC 8-9): A01D90/00 (Advanced/Invention);

A01D90/00 (Core/Invention)

International (IPC 1-7): A01D90/0



Family:

Publication number	Publication date	Application number	Application date
ES2016752 AF	19901116	ES19890003605	19890915

Priority:

ES19890003605 19890915

Probable Assignee:

ARDERIU CABAU XAVIER

Assignee(s): (std):

ARDERIU CABAU XAVIER

20) Family number: 31329366 (US2004225240A)

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Title: LIE-DOWN MASSAGER

Abstract: Source: US2004225240A [EN] A lie-down massager comprises a frame having an elongated top panel with an elongated opening, a rider below the top panel, a guide member movably engaged between the frame and the rider to enable the rider to make a horizontal reciprocation relative to the frame, a lifter moving vertically relative to the rider, and a roller gear engaged to the rider. The roller gear is engaged to a vertical rack gear in an opening of an engagement body extending from the lifter so the roller gear rotation enables the lifter to make a vertical reciprocation. Massage bumps attached to the top portion of the lifter move vertically and/or horizontally along the elongated top opening of the elongated top panel of the frame by the lifter and the rider.

Classifications:

International (IPC 8-9): A61H1/00 A61H15/00 A61H15/02

A61H37/00 A61H7/00 (Advanced/Invention);

A61H15/00 A61H37/00 (Advanced/Non-invention);

A61H1/00 A61H15/00 A61H37/00 A61H7/00 (Core/Invention);

A61H15/00 A61H37/00 (Core/Non-invention);

A61H (Subclass/Invention)

International (IPC 1-7): A61H15/00 A61H7/00

CPC: A61H2015/0007 A61H7/004 A61H15/02 A61H2015/0014

A61H2203/0456 A61H2201/0207 A61H2201/10 A61H2201/1215

A61H2201/149 A61H2201/1623 A61H2201/1654 A61H2201/1666

A61N5/0625 A61N2005/0638 A61N2005/0659 A61H1/00 A61H15/00

A61H37/00 A61H15/0078 A61H2201/0138 A61H2201/0142

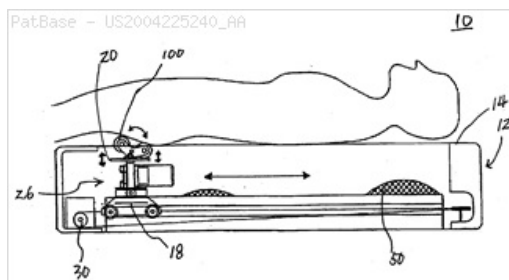
A61H2201/1669 A61H2205/04 A61H2205/081

European: A61H15/00B A61H15/02 A61H7/00D4 K61H15/00A3 K61H15/00A3C K61H15/00B K61H201/01F10

K61H201/01F10A K61H201/16B8B K61H203/04F2 K61H205/04 K61H205/08A

US: 601/100 601/100P 601/100S 601/101 601/102 601/102S 601/103 601/103S 601/116 601/116S 601/15 601/18 601/19

601/98 601/98S 601/99 601/99P



Family:

Publication number	Publication date	Application number	Application date
AU2004236580 AA	20041118	AU20040236580	20040504
AU2004236580 BB	20090129	AU20040236580	20040504
BRPI0410690 A	20060620	BR2004PI10690	20040504
CA2553131 AA	20051104	CA20042553131	20040504
CA2553131 C	20090728	CA20042553131	20040504
CN1784196 A	20060607	CN200480012397	20040504
EP1624842 A2	20060215	EP20040731087	20040504
EP1624842 A4	20090506	EP20040731087	20040504

IN02439KN2005 A	20070105	IN2005KN02439	20051201
MXPA05011442 A1	20060531	MX2005PA11442	20040504
RU2005137700 A	20060610	RU20050137700	20040504
RU2318486 C2	20080310	RU20050137700	20040504
TW200427442 A	20041216	TW20040112699	20040505
TWI236369 B	20050721	TW20040112699	20040505
US2004225240 AA	20041111	US20030429345	20030505
US2004230145 AA	20041118	US20030249915	20030516
US2004243034 AA	20041202	US20030445517	20030527
US2005010142 AA	20050113	US20030614592	20030707
US2005010143 AA	20050113	US20030617896	20030711
US7014620 BB	20060321	US20030429345	20030505
US7037279 BB	20060502	US20030445517	20030527
US7052475 BB	20060530	US20030617896	20030711
US7081098 BB	20060725	US20030614592	20030707
US7118541 BB	20061010	US20030249915	20030516
WO04098482 A2	20041118	WO2004IB50582	20040504
WO04098482 A3	20050519	WO2004IB50582	20040504

Priority:

US20030249915 20030516 US20030429345 20030505 WO2004IB50582 20040504
US20030617896 20030711 US20030445517 20030527 US20030614592 20030707

Probable Assignee: SHIM 30 PERCENT SIMON K

Assignee(s): (std): KIM HAK JIN ; KIM HAKJIN ; HAK JIN KIM

Assignee(s): HAKJIN KIM ; SHIM ; SHIM (30 PERCENT) SIMON K ; SHIM 30 PERCENT SIMON K

Inventor(s): (std): KIM HAKJIN ; KIM HAK JIN ; HAK JIN KIM ; HAKJIN KIM

Inventor(s): IM HAKJIN ; KIM KHAKDZIN

Agent(s): JANG SUNG SU; NA; PARK AND SUTTON LLP; JOHN K; PARK LAW FIRM; IPLA PA; JAMES E

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 GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

21) Family number: 40880217 (US2011037273A)

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Title: LIFTING DEVICE, POWER GENERATION DEVICE AND SEA REVERSE OSMOSIS DEVICE

Abstract: Source: US2011037273A [EN] A lifting device includes: at least one first magnetic body, which is positioned on a platform and driven by a driving unit so as to move along a predetermined track; at least one second magnetic body, which is positioned above a part of track of the first magnetic body by a supporting device, and the magnetism of which is repulsive to that of the first magnetic body; and a lifting mechanism, which is fixedly connected to the second magnetic body, the second magnetic body is lifted or lowered according to the first magnetic body passing through or leaving from the second magnetic body during its movement course so as to cause the lifting mechanism to be lifted, lowered or swung. The lifting device can lift heavy objects by magnetic energy existing in the nature and has a simple structure, broad applicability, energy saving and high environmental protectionability. A power generation device and a sea reverse osmosis device that have the lifting device are disclosed.

Classifications:

International (ipc 8-9): B01D61/02 B01D61/08 C02F1/44 F03G7/00 H02K35/00 H02K57/00 H02N11/00 (Advanced/Invention); B01D61/02 C02F1/44 F03G7/00 H02K35/00 H02K57/00 H02N11/00 (Core/Invention)

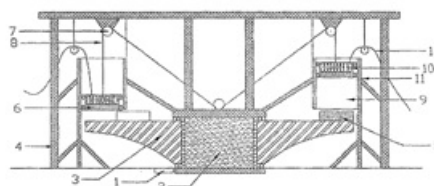
International (ipc 1-7): H02K57/00

CPC: C02F1/441 B01D61/025 B01D61/10 C02F2103/08 H02K7/1869 F03G7/00 H02N11/00 Y02A20/131

European: B01D61/10 C02F1/44B F03G7/00 H02K7/18B H02N11/00 L01D61/02D M02F103/08

US: 210/170.11 210/170.110S 254/385 254/385S 290/1.00AP 290/1A

PatBase - US2011037273_AA



Family:

Publication number	Publication date	Application number	Application date
AU2006352636 AA	20080710	AU20060352636	20061231
AU2006352636 BB	20110901	AU20060352636	20061231
BRPI0622236 A2	20120103	BR2006PI22236	20061231
CA2674101 AA	20090629	CA20062674101	20061231
CN101032071 A	20070905	CN200680000890	20061231
CN101032071 B	20110216	CN200680000890	20061231
EA017901 B1	20130430	EA20090070660	20061231
EA200970660 A1	20091230	EA20090070660	20061231
EP2104211 A1	20090923	EP20060840826	20061231
IN01419MN2009 A	20100108	IN2009MN01419	20090728
JP2010515409 T2	20100506	JP20090543324T	20061231
KR20100014319 A	20100210	KR20097014910	20061231
US2011037273 AA	20110217	US20100521722	20101029
US2013264259 AA	20131010	US20130909517	20130604
WO08080261 A1	20080710	WO2006C N003796	20061231

Priority:

US20100521722 20101029 US20130909517 20130604 WO2006CN003796 20061231

Probable Assignee: JIN JIN PACIFIQUE COMP

Assignee(s): (std): CHUNTIAN CO LTD ; CIE JIN JIN PACIFIQUE ; FAGUO JINJIN PACIFIC ENTPR CORP ; JIN JIN PACIFIQUE CIE ; JIN JIFAN ; JINFULE BIOLOG ENGINEERING CO LTD LANZHOU ; KINSTAR INT LTD ;

LANZHOU JINFULE BIOTECHNOLOGY ; KINSTAR INTERNAT LTD ; SPRING POWER LTD ; JINFULE BIOLOG ENGINEERING CO ; KIN STAR INTERNAT LTD ; JINXING INTERNAT CO LTD ; LANZHOU JINFULE BIOTECHNOLOGY CO LTD ; KIN STAR INT LTD ; JINXING INT CO LTD

Assignee(s):

LANZHOU JINFULE BIOTECHNOLOGY CO LTD ; CHUNTIAN CO ; JINXING INTERNATIONAL CO LTD ; KINSTAR INT LTD ; SPRING POWER LTD ; JIN JIN PACIFIQUE COMP ; JINXING INTERNATIONAL CO ; JIN JIN PACIFIQUE COMP ; JIN JIN PACIFIQUE COMPAGNIE ; KIN STAR INTERNATIONAL LIMITED ; KINSTAR INTERNATIONAL LIMITED ; SPRING POWER LIMITED ; LANZHOU JINFULE BIOTECHNOLOGY CO ; JINFULE BIOLOGICAL ENGINEERING CO LTD LANZHOU ; JINXING INT CO ; GIN GIN PACIFIC KOMPANY ; JINFULE BIOLOGICAL ENGINEERING CO ; FAGUO JINJIN PACIFIC ENTERPRISE CORP

Inventor(s): (std):

JIN JIFAN ; JIFAN JIN

Agent(s):

ACTUATE IP; FASKEN MARTINEAU DUMOULIN LLP; SCHLOTTER ALEXANDER CAROLUS PAUL; MEYERTONS HOOD KIVLIN KOWERT AND GOETZEL PC; LUNG TIN INT INTELLECTUAL PROPERTY AGENTLTD

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 LI 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

22) Family number: 55888632 (ES2445649R)

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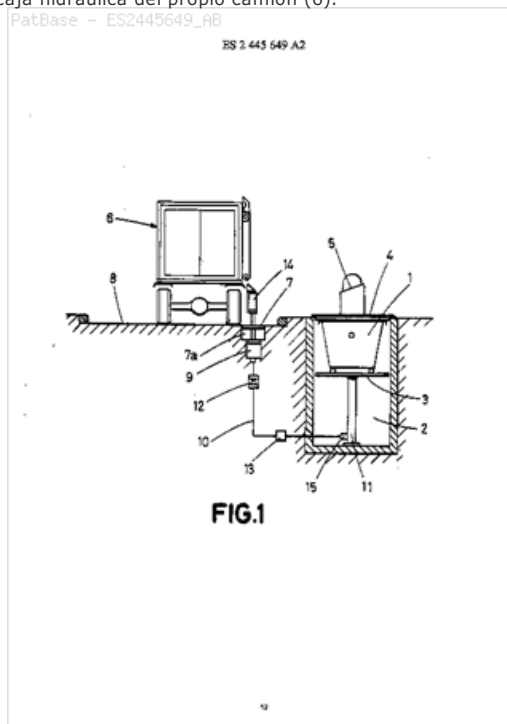
Title: MECANISMO HIDRAULICO DE ELEVACION PARA CONTENEDORES SOTERRADOS DE RESIDUOS SOLIDOS URBANOS, Y ELEMENTO ACCIONADOR

Abstract: Source: ES2445649R [ES] Mecanismo hidraulico de elevacion para contenedores soterrados de residuos solidos urbanos, y elemento accionador, que comprende un piston principal (7) que, situado a ras de suelo cerca del hueco (2) del contenedor (1), encaja en una camara hidraulica (9) desde la que un conducto hidraulico (10) inyecta fluido en un piston elevador (11) vinculado a la plataforma elevadora (3), existiendo una electro-valvula de paso (12) accionada mediante un mando a distancia, y un regulador de caudal (13). El piston elevador (11) cuenta con una valvula paracaídas (15). El elemento accionador es un elemento empujador (14) que presiona sobre el piston principal (7) y va previsto el camión (6) de recogida y es el embolo de un cilindro hidraulico, comandado por la caja hidraulica del propio camión (6).

Classifications:

International (IPC 8-9): B65F1/14 B65F3/00 (Advanced/Invention)

CPC: B65F1/1447 B65F1/1457 B65F3/00



Family:

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ES2445649 AB	20140304	ES20120000860	20120904
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