

1) Family number: 17675316 (DE9312514 U1)

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Title: Bearing ROLLING AND UNROLLING DEVICE FOR RINGS MADE OF EXTRUDED MATERIAL (Machine translation)

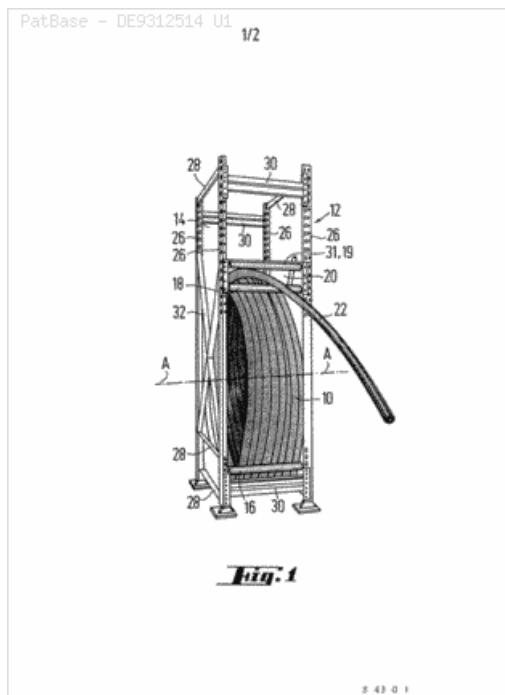
Abstract: Source: DE9312514 U1 **Machine translation:** (Claim 1) 1 Device for storing and unwinding of a ring (10) from rolled strip material such as plastic pipe or the like, characterized by a frame (12) with a Einhebeöffnung (14) to lift in the ring (10), with lower bearing rollers (16) for the rotatable mounting of the ring (10) during the unwinding of the strand material, with the distance is-about arranged limiting rollers (18) for the prevention of chapping of the ring (10) and with a frontal Austrittsoeffnung (20) for the extruded material early (22).

Classifications:

International (IPC 8-9): B65H16/00 B65H16/08 B65H49/00
B65H49/24 B65H57/00 B65H57/14

International (IPC 1-7): B65H16/08 B65H49/38

CPC: B65H16/08 B65H49/24 B65H57/14



Family:

Publication number	Publication date	Application number	Application date
DE9312514 U1	19940105	DE19930012514U	19930820

Priority:

DE19930012514U 19930820

Probable Assignee: SAAR LAGERTECHNIK GMBH

Assignee(s): (std): SAAR LAGERTECHNIK GMBH

Assignee(s): SAAR LAGERTECHNIK GMBH 65812 BAD SODEN DE

2) Family number: 15322164 (US6527215 BA)

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Title: REEL SPOOL AND STAND ASSEMBLY FOR COILED TUBING INJECTOR SYSTEM

Abstract: A spool for carrying continuous pipe or coiled tubing for a coiled tubing injector is dropped into a stand at a site and coupled to a rotary power source. The stand includes two axles, on either side of the spool, and a drive plate. The spool includes on each side a supporting hub with slot that allows the axle to slide into the hub and the slot to be closed. At the same time, a coupling member on the drive plate slides into a mating contact with a complementary coupling member on the spool. Thus, the spool is mounted and coupled to a rotary power source with comparative ease and quickness, facilitating use of multiple spools for both transportation and operation at the well site.

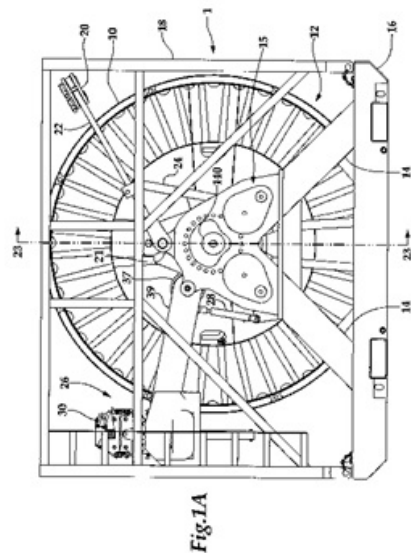
Classifications:

International (IPC 8-9): B65H54/28 B65H54/44 B65H54/553
B65H75/14 B65H75/18 B65H75/30 B65H75/34 B65H75/40
B65H75/44 E21B19/22

International (IPC 1-7): B65H49/26 B65H54/28 B65H7/530
B65H75/14 B65H75/30 B65H75/38 B65H75/40 B65H75/78 E21B19/00
E21B19/08 E21B19/22

CPC: B65H2701/33 B65H2701/5114 B65H75/14 B65H75/185
B65H75/30 B65H75/40 B65H75/4407 B65H75/4489 E21B19/22
B65H54/553

US: 242/348.2 242/390.5 242/390.500P 242/394 242/596 242/596.7
242/596.700S 242/613

**Family:**

Publication number	Publication date	Application number	Application date
AU200120425 A1	20010606	AU20010020425	20001113
AU200120425 A5	20010606	AU20010020425	20001113
CA2355702 AA	20010615	CA20002355702	20001113
CA2355702 C	20040831	CA20002355702	20001113
GB200116282 A0	20010829	GB20010016282	20001113
GB2363623 A1	20020102	GB20010016282	20001113
GB2363623 B2	20040324	GB20010016282	20001113
GB200401975 A0	20040303	GB20040001975	20001113
GB2394495 A1	20040428	GB20040001975	20001113
GB2394495 B2	20040623	GB20040001975	20001113
US6527215 BA	20030304	US20000711733	20001113
US2003071160 AA	20030417	US20020248247	20021230
US6672529 BB	20040106	US20020248247	20021230
WO0134934 A2	20010517	WO2000US31343	20001113
WO0134934 A3	20020117	WO2000US31343	20001113

Priority:

US19990165248P 19991112 WO2000US31343 20001113 GB20010016282 20001113
 US20000711733 20001113

Probable Assignee: VARCO I P INC

Assignee(s): (std): HYDRA RIG INC ; VARCO INT

Assignee(s): CAIN TROY D ; GOODE JOHN E ; VARCO I P INC

Inventor(s): (std): CAIN TROY D ; GOODE JOHN E

Inventor(s): JOHN E GOODE ; TROY D CAIN

Agent(s): KIRBY EADES GALE BAKER; MARC A HUBBARD; MUNSCH HARDT KOPF AND HARR PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

3) Family number: 30380635 (US2005247828 AA)

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Title: ROLL STOCK CRADLE STRUCTURE

Abstract: Roll stock cradle support structure for receiving and supporting one or more pieces of roll stock, comprising: a flat base strip of rigid or semi-rigid plastic material having an upper and lower surface, at least one set of facing cradle portions of pre-selected dimensions integrally formed on one base strip surface, forming a roll support cradle, said cradle portions comprising a substantially vertical end wall and an arcuately shaped segment of rigid or semi-rigid plastic material, said segment being reinforced by members connecting the arcuately shaped segments with the end wall or base strip.

Classifications:

International (IPC 8-9): A47G29/00 B65D19/38 B65D19/44

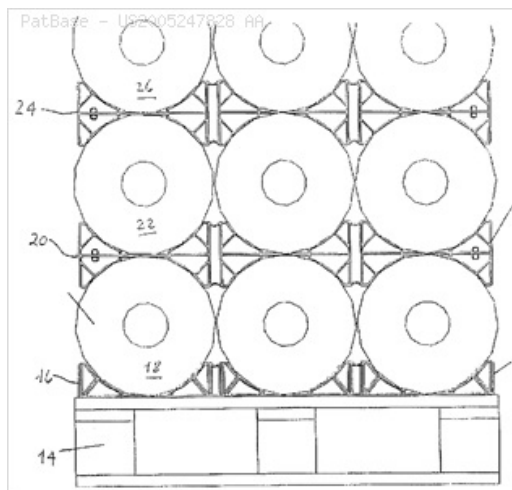
B65D71/00 B65D71/70 B65D85/66

International (IPC 1-7): B65D B65D19/44 B65D71/0 B65D71/70

F16L3/08 F16L3/22

CPC: B65D19/44 B65D71/70 B65D85/66

US: 248/346.02 248/346.4 248/67 248/68.1 248/67P 248/68.100S



Family:

Publication number	Publication date	Application number	Application date
AT391679 E	20080415	AT20030794039T	20030904
AU2003256057 AA	20040329	AU20030256057	20030904
AU2003256057 BB	20090402	AU20030256057	20030904
CA2497461 AA	20050302	CA20032497461	20030904
CA2497461 C	20080715	CA20032497461	20030904
DE20320804 U1	20050331	DE20032020804U	20030904
DE60320284 D1	20080521	DE20036020284T	20030904
DE60320284 T2	20090520	DE20036020284T	20030904
EP1551721 A1	20050713	EP20030794039	20030904
EP1551721 B1	20080409	EP20030794039	20030904
ES2305557 T3	20081101	ES20030794039T	20030904
IL151599 A0	20030529	IL20020151599	20020904
IL151599 A1	20060205	IL20020151599	20020904
NZ538917 A	20080530	NZ20030538917	20030904
PT1551721 T	20080828	PT20030794039T	20030904
US2005247828 AA	20051110	US20030526313	20030904
US7458553 BB	20081202	US20030526313	20030904
WO04022439 A1	20040318	WO2003IL00730	20030904

Priority:

IL20020151599 20020904 WO2003IL00730 20030904

Probable Assignee: TAMA PLASTIC IND

Assignee(s): (std): AGAYOF JACOBV ; LIN RONEN ; TAMA PLASTIC IND ; TAMA PLASTIC IND ISRAEL ; TAMA PLASTIC INDUSTRY ISRAEL ; TZUR GIL

Assignee(s): AGAYOF JACOB ; TAMA PLASTIC INDUSTRY

Inventor(s): (std): AGAYOF JACOB ; AGAYOF JACOBV ; LIN RONEN ; TZUR GIL

Inventor(s): GIL TZUR ; JACOB AGAYOF ; JACOBV AGAYOF ; RONEN LIN

Agent(s): DENNISON SCHULTZ AND MACDONALD; DENNISON SCHULTZ DOUGHERTY AND MACDONALD; SELIGSOHN GABRIELI AND CO; SHELSTON IP; SIM AND MCBURNEY; SPRUSON AND FERGUSON; VOLMER JOHANNES CORNELIS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE 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 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

4) Family number: 43928046 (US2011057067 AA)

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Title: REEL WITH A ROTATABLE REELING DEVICE AND REPLACEABLE DRUM

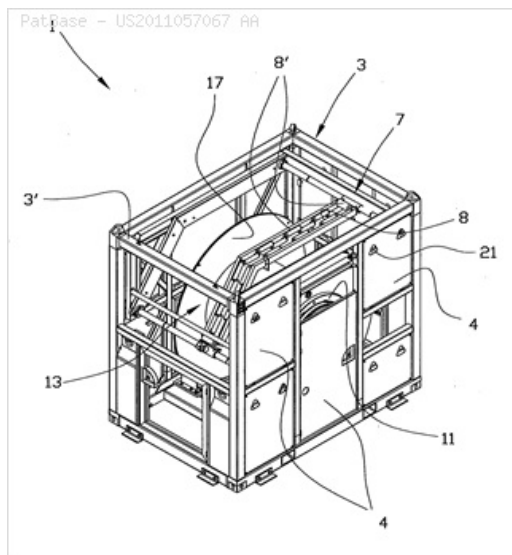
Abstract: A frame structure adapted for carrying a cable drum (13), where the frame structure (1) includes a reeling device (7) for guiding of the cable, wherein the reeling device (7) is arranged rotatable in relation to the frame structure (1) in such a way that the cable drum (13) can be removed from the frame structure (1). Also, a method for use of the frame structure.

Classifications:

International (IPC 8-9): B65H54/02 B65H54/22 B65H54/24 B65H54/26 B65H54/28 B65H57/00 B65H57/14 B65H67/00 B65H75/44

CPC: B65H2601/324 B65H54/72 B65H75/38 B65H75/4407 B65H75/4486

US: 242/390.2 242/390.200P



Family:

Publication number	Publication date	Application number	Application date
GB201018368 A0	20101215	GB20100018368	20090422
GB2471254 A1	20101222	GB20100018368	20090422
NO20081956 L	20091026	NO20080001956	20080424
NO328052 B1	20091116	NO20080001956	20080424
US2011057067 AA	20110310	US20090989016	20090422
WO09131465 A1	20091029	WO2009NO00152	20090422

Priority:

NO20080001956 20080424 WO2009NO00152 20090422

Probable Assignee: ADVANTEC WINCH SYSEMS AS

Assignee(s): (std): AALAND MAGNAR ; ADVANTEC WINCH SYSTEMS AS ; HALDORSEN ROLF

Assignee(s): ADVANTEC WINCH SYSEMS AS

Inventor(s): (std): AALAND MAGNAR ; HALDORSEN ROLF

Inventor(s): MAGNAR AALAND ; ROLF HALDORSEN

Agent(s): HAMSOE PATENTBYRA ANS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 23482116 (US6419424 BA)

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Title: COIL PIPE TRAILER

Abstract: A trailer for transporting coiled pipe and assisting in the unwinding of the pipe for laying in a trench. A support cradle contacts the outer surface of the coil, thereby obviating the need for a reel. The cradle includes self-centering support rollers upon which the coil freely rotates during the pipe laying operation. Horizontal rollers are provided as a retainer for engaging the inner surface of the coil. The position of the retainer rollers is adjustable to accommodate a variety of coil diameters. To remove coil set from the pipe unwinding from the coil, a reforming assembly includes a straightener and rerounder. The pipe reforming assembly is mounted on rollers on the base of the trailer for translating back and forth to track the pipe during unwinding to maintain alignment. The rerounder and straightener are provided with a releasable gate and top portion respectively, to assist in the loading and unloading of the pipe in the reforming assembly. In one embodiment, straightening occurs in the transition from the coil in the cradle to the reforming assembly.

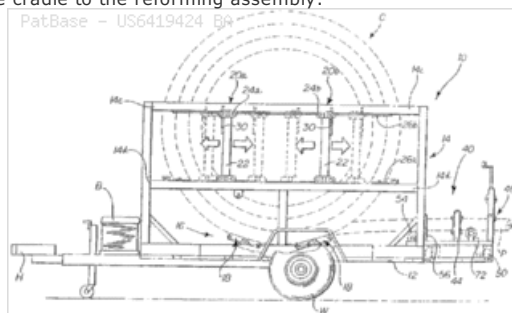
Classifications:

International (IPC 8-9): B65H49/00 B65H49/24 B65H49/32 B65H57/00 B65H57/14 F16L1/028 F16L1/032 F16L1/06

International (IPC 1-7): B65H1/600 B65H16/00 B65H2/300 B65H23/00 F16L1/028

CPC: B65H2701/33 B65H49/24 B65H49/32 B65H57/14 F16L1/032 F16L1/065

US: 242/557 242/566 242/595.1 242/615.2 405/154.1 405/156 405/174 405/177



Family:

Publication number	Publication date	Application number	Application date
US6419424 BA	20020716	US19990471888	19991223

Priority:

US19980189661 19981111 US19990471888 19991223

Probable Assignee: MOUNTAINEER GAS CO

Assignee(s): (std): MOUNTAINEER GAS COMPANY ; NULL S MACHINE AND MFG INC

Assignee(s): MOUNTAINEER GAS CO ; NULL S MACHINE AND MFG
Inventor(s): (std): BOGGS FRANKLIN S ; NULL ROBERT L ; RONK ROBERT L ; WALLER KENDRALL P
Inventor(s): FRANKLIN S BOGGS ; KENDRALL P WALLER ; ROBERT L NULL ; ROBERT L RONK
Agent(s): KING AND SCHICKLI PLLC

6) Family number: 50029881 (CN202054226 U)

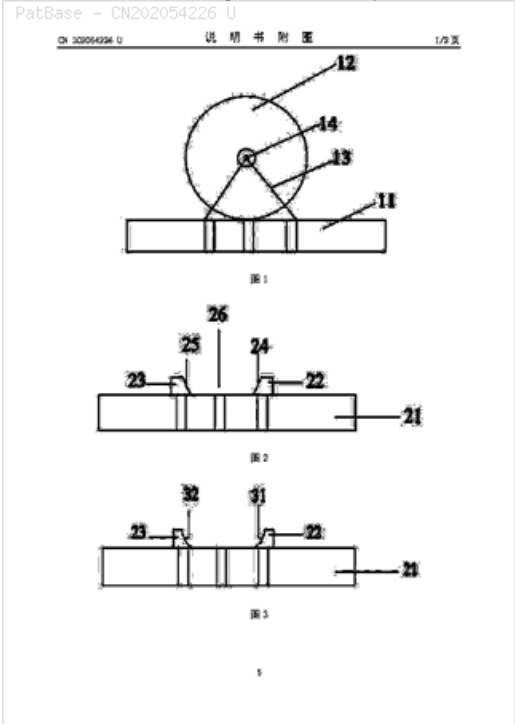
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Title: Film roll tray

Abstract: A film roll tray comprises a flat base plate. A first stopper and a second stopper are arranged on the surface of the flat base plate, the first stopper is provided with a first bevel, the second stopper is provided with a second bevel, the first bevel is opposite to the second bevel, a film roll is arranged between the first stopper and the second stopper, and the first stopper and the second stopper prevent a film roll swinging optionally, prevent a binding strap from being broken due to swinging of the film roll along with bumping of a vehicle, and further prevent the film roll falling from the transport vehicle.

Classifications:

International (IPC 8-9): B65D19/24 B65D19/38



Family:

Publication number	Publication date	Application number	Application date
CN202054226 U	20111130	CN201120154720U	20110516

Priority:

CN201120154720U 20110516

Probable Assignee: TIANJIN JINGHUA PETROCHEMICAL CO LTD

Assignee(s): (std): TIANJIN JINGHUA PETROCHEMICAL CO LTD

Assignee(s): TIANJIN JINGHUA PETROCHEMICAL CO

Inventor(s): (std): DONGSHENG MA ; HAIYING ZHAO ; LIYING LI ; YAYING LIU ; YING HUO ; YINGGANG CUI

Inventor(s): CUI YINGGANG ; HUO YING ; LI LIYING ; LIU YAYING ; MA DONGSHENG ; ZHAO HAIYING

7) Family number: 22056150 (US2994500 A)

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Title: SUPERSTRUCTURE FOR PALLET

Abstract: (Claim 1) 1. The combination with a poet having means to sup. port spaced deck boards, of a p_gpt tier'mg superstructure comprising a pair of end irames each comprising a base adapted to rest on the end portions of the deck boards, and uprights carried by the base, said base having a depending side portion adapted to extend below the deck boards at the end of the paeet, a rail connecting the upper portions of the two end frames, and a tie-rod conAecti4g the lower portions of the end frame in proximity to the pallet deck boards and holding the end frames against relative spreading movement, the major portion of said tie-rod being disposed within the spacebetween two adjacent deck boards to hold the superstr-ucture against movement laterally of the deck boards.

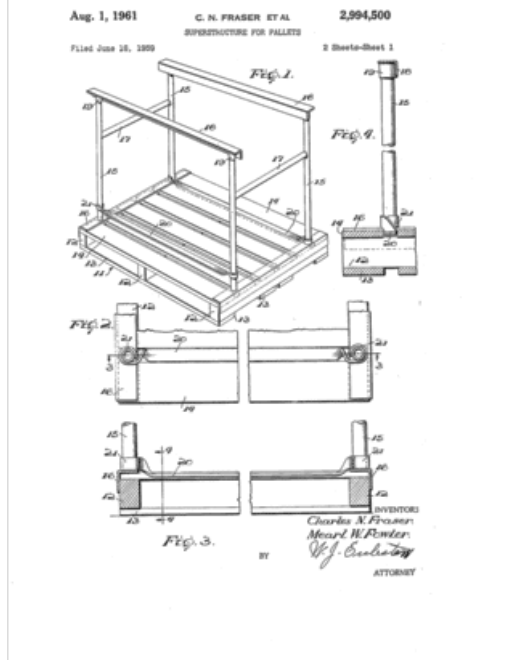
Classifications:

International (IPC 8-9): B65D19/38

International (IPC 1-7): B65D19/12 B65D71/00

CPC: B65D19/385

US: 108/53.5

**Family:**

Publication number	Publication date	Application number	Application date
US2994500 A	19610801	US19590821337	19590618

Priority:

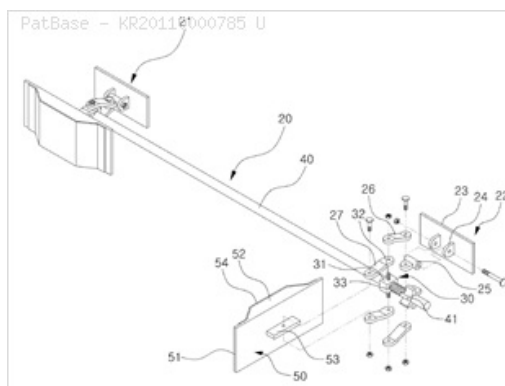
US19590821337 19590618

Probable Assignee: FOWLER MEARL W**Assignee(s):** (std): FOWLER MEARL W ; FRASER CHARLES N**Inventor(s):** (std): FOWLER MEARL W ; FRASER CHARLES N**8) Family number: 48171278** (KR20110000785 U)

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Title: A FIXING DEVICE IN CONTAINER BOX FOR TRANSFER

Abstract: Source: KR20110000785 U **Machine translation:** The subject innovation is moved by loading the steel coil so that there is no accident is securely fixed to the moving within the container box) that relates to a removable plate, steel coil the coil fixing apparatus of the steel sheet, the groove portion 11, the coil (1) is seated is formed on an upper part of the steel sheet through the primary coil (1) is inserted into the center hole of the fixed band 12 is fixed to the rear end of the base 10 in both side surfaces of the pedestal 10 is rotatably fixed to the upper and lower retainer box (2) formed on the inner surface of the groove is pressed to be adjustable support device 20 which is fixed to the base 10 is composed of a steel coil is remains housed inside the container box is characterized in that it is transported.

Classifications:**International (IPC 8-9):** B65D19/44 B65D85/04 B65D85/66 B65D85/67**CPC:** B65D19/44 B65D85/02 B65D85/66**Family:**

Publication number	Publication date	Application number	Application date
KR200457696 Y1	20111229	KR20090009292U	20090717
KR20110000785 U	20110125	KR20090009292U	20090717

Priority:

KR20090009292U 20090717

Probable Assignee: LTD OPTICAL CO**Assignee(s):** LTD OPTICAL CO

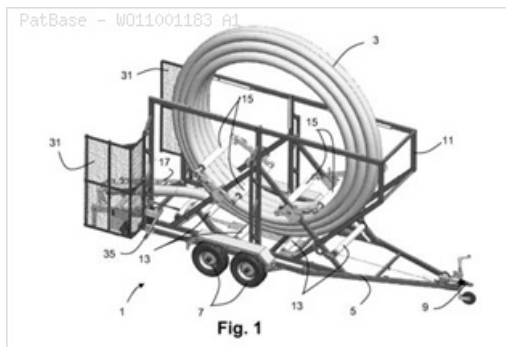
Title: PIPE DISPENSING APPARATUS

Abstract: There is disclosed an apparatus for storing a coil of pipe (3) and for dispensing the pipe. The apparatus comprises a frame (11) which defines an interior volume for receiving the pipe coil. The frame is provided with a dispensing arm (17) pivotally mounted about a horizontal axis to extend outwardly from the frame. The dispensing arm is provided with a pipe restraining means for restricting movement of the pipe in directions transverse to the pipe while allowing dispensation of the pipe in the longitudinal direction of the pipe. The apparatus may be carried by a powered or unpowered vehicle. Also disclosed is a method of dispensing a pipe from the apparatus.

Classifications:

International (IPC 8-9): B65H49/24 B65H49/32 B65H54/28
B65H57/14 B65H57/18 B65H57/26 B65H75/36 B65H75/44 F16L1/032
F16L1/06 F16L3/01

CPC: B65H2701/33 B65H49/24 B65H49/32 B65H54/2827
B65H54/283 B65H57/14 B65H57/18 B65H57/26 B65H75/36
B65H75/4405 B65H75/4421 F16L1/032 F16L1/065

**Family:**

Publication number	Publication date	Application number	Application date
GB200911351 A0	20090812	GB20090011351	20090701
GB2471488 A1	20110105	GB20090011351	20090701
WO11001183 A1	20110106	WO2010GB51090	20100701

Priority:

GB20090011351 20090701

Probable Assignee: BALFOUR BEATTY PLC

Assignee(s): (std): BALFOUR BEATTY PLC ; VINES MARK RICHARD

Inventor(s): (std): VINES MARK RICHARD

Inventor(s): MARK RICHARD VINES

Agent(s): ELKINGTON AND FIFE LLP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ 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 PE PG PH PL PT RO RS RU 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

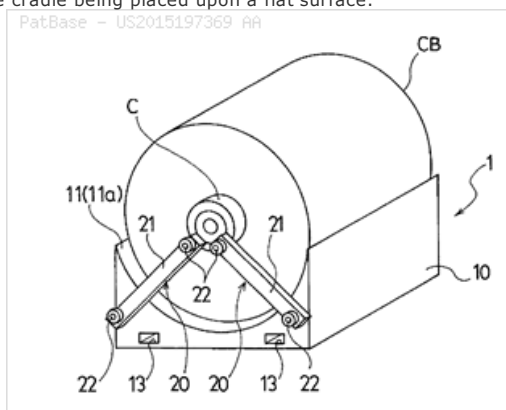
Title: HOLDING TOOL FOR CONVEYER BELT CONVEYANCE

Abstract: A holding tool for conveyor belt conveyance for holding a conveyor belt in a wound-up state on a winding core comprises a cradle for placing a conveyor belt in a wound-up state and attaching members for attaching both ends of the cradle to both corresponding ends of the winding core. Furthermore, the cradle has an arc-shaped placement section that matches the outer circumferential surface of a conveyor belt in a wound-up state, and a ground-contacting section for bringing the cradle to an immovable state at a fixed position upon the cradle being placed upon a flat surface.

Classifications:

International (IPC 8-9): B65D19/02 B65D19/44 B65H75/00
B65H75/02 B65H75/38

CPC: B65D19/02 B65D19/44 B65D2519/00024 B65D2519/00059
B65D2519/00094 B65D2519/00273 B65D2519/00288
B65D2519/00293 B65D2519/00323 B65D2519/00333
B65D2519/00343 B65D2519/00815 B65D85/66 B65H75/02
US: 242/595

**Family:**

Publication number	Publication date	Application number	Application date
CN104619624 A	20150513	CN201380045875	20130806
JP2014058398 A2	20140403	JP20120206043	20120919
PH2015500476 A	20150420	PH20150500476	20150304
SG11201502132R A1	20150528	SG20151102132	20130806
TH155065 A	20160805	TH20151001473	20130806
US2015197369 AA	20150716	US20130429739	20130806

Priority:

JP20120206043 20120919 WO2013JP71232 20130806

Probable Assignee: YOKOHAMA RUBBER CO LTD**Assignee(s):** (std): YOKOHAMA RUBBER CO LTD**Assignee(s):** YOKOHAMA RUBBER CO ; YOKOHAMA RUBBER CO LTD THE**Inventor(s):** (std): AMANO SHIGEHICO ; HIROSHI YAJIMA ; SHIGEHICO AMANO ; YAJIMA HIROSHI ; YAJIMA MASARU**Agent(s):** NOGUCHI KENSHO; OGAWA SHIN ICHI; SAIKA KAZUHIKO; SEIRYU PATENT PROFESSIONAL CORP;
SEIRYU PATENT PROFESSIONAL ET AL CORP**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 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