

Search history

Search 1: ropeway and system (Results 328)
Search 2: replac* (Results 1000000)
Search 3: 1 and 2 (Results 16)

1) Family number: 18099917 (GB140959A)

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Title: IMPROVEMENTS IN AERIAL ROPEWAYS FOR TRANSPORT AND HAULAGE

Abstract: Source: GB140959A 140,959. Soc. Anon. Ateliers Otis-Pifre. May 26, 1919, [Convention date]. Rope railways.-Ropeway tracks comprise two fixed cables c, d, the former deeply sagged to take transverse stresses and the latter stretched taut to take longitudinal stresses. The cables are secured to supports a or to brackets b fixed or articulated to the supports a. The tractor e, Fig. 3, engages one cable and has a tow-rope f. In a modification, Fig. 4, the tractor e runs on the ground or on a track, and is propelled by making contact with one cable, the tractor being connected to a traveller h which runs on cable c and carries a tow-rope. Each cable may be replaced by a plurality of cables or by a chain, while the rigidity of cable d may be increased by a catenary suspension. Propulsion may be effected by an endless rope.

Classifications:

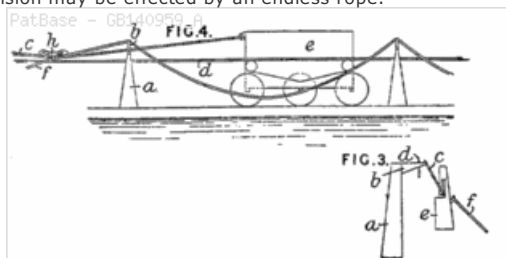
International (IPC 8-9): B63B21/56 (Advanced/Invention);

B63B21/56 (Core/Invention)

International (IPC 1-7): B61B7/00

CPC: B63B21/56 B63B21/64

European: B63B21/56 L63B722/00



Family:

Publication number	Publication date	Application number	Application date
GB140959 A	19200408	GB19190019484	19190807

Priority:

19190526

Probable Assignee: OTIS PIFRE ATEL SA

Assignee(s): (std): OTIS PIFRE ATEL SA ; OTIS PIFRE SA ATEL

Assignee(s): SOCIETE ANONYME ATELIERS OTIS PIFRE ; ANONYME ATELIERS OTIS PIFRE SOC

2) Family number: 18221906 (GB150294A)

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Title: Improvements in or relating to ropeways

Abstract: Source: GB150294A 150,294. Soc. Anon. Ateliers Otis-Fifre. Aug. 28, 1919, [Convention date]. Rope railways. - A slack ropeway is divided into sections attached to the ends of devices which are pivoted upon fixed supports, so as to allow the rope movement in longitudinal and transverse directions. The devices may comprise triangular levers c, Fig. 1, pivoted to supports a at b, in some cases by cardan joints, the ropes d being secured at e, f by ball joints. The points h may be connected by a bracing wire g, and the levers may be composed of rigid and flexible members. Thus, the rail e, f may be rigid and the arms e, b wholly or partly flexible. The rail e, f may be replaced by a tube with the cable d locked therein after the initial sag and tension have been regulated. Certain of the levers c may be rigidly secured to their supports b to act as intermediate anchorages. The ropes d may be replaced by bundles of ropes or chains, by an articulated bar, or by a flexible continuous thin strip. The carriage h may be driven by an endless rope. In a modification. Fig. 7, a tractor h hauls on a taut rope g which is pivoted at b on a lever c which oscillates on ball joints l on the support a and carries a pulley m. This pulley is engaged by a rail o carried by a lever n which is pivoted at b and carries the slack rope d on which the traveller j runs. When at rest, the levers c, n may turn about the joint l and contact with the edge of the support a to reduce the space occupied by the system. If the tractor obtains sufficient adhesion from the ground, the rope g and levers c may be dispensed with, and the levers n carried by a bracket fixed to the support a and provided with a track for the pulley m.

Classifications:

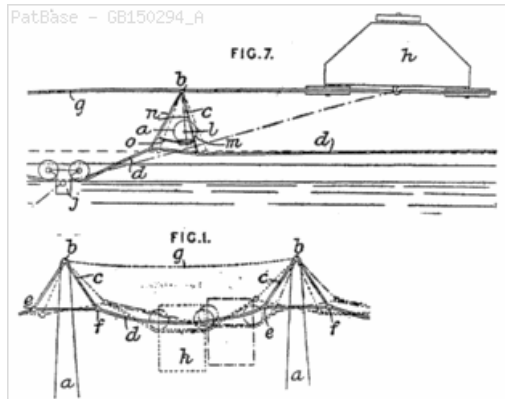
International (IPC 8-9): E01B25/16 (Advanced/Invention);

E01B25/00 (Core/Invention)

International (IPC 1-7): B61B7/00 B63B21/56

CPC: E01B25/16

European: E01B25/16

**Family:**

Publication number	Publication date	Application number	Application date
GB150294 A	19201028	GB19190027139	19191104

Priority:

19190828

Probable Assignee: OTIS PIFRE ATEL SA**Assignee(s):** (std): OTIS PIFRE ATEL SA ; OTIS PIFRE SA ATEL**Assignee(s):** THE SOCIETE ANONYME ATELIERS OTIS PIFRE ; ANONYME ATELIERS OTIS PIFRE SOC**3) Family number: 29655103 (US2578592A)**

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Title: CORNER GUIDE FOR ENDLESS CONVEYER CABLES

Abstract: Source: GB616241A 616,241. Rope railways. TELEFLEX PRODUCTS, Ltd., and PILE, S.. Aug. 31, 1946, No. 26284. [Class 104 (ii)] The travelling rope 16 of a ropeway is guided at corners by an endless roller or like chain 11 which is guided and supported by a curved channel 6. The runway 5 and channel 6 are supported by a plate 7 carrying a sprocket wheel 10 and guide wheels 12, 13 for the endless chain 11. The plate 7 may be made adjustable to tension rope 16 by pivoting it at 18 on a fixed plate 19, a screw 22 serving to adjust it and a bolt 21 to hold it in adjusted position. Specification 570,577 is referred to.

Classifications:

International (IPC 8-9): B61B12/02 B65G15/60 B65G39/00 F16H7/18 (Advanced/Invention);

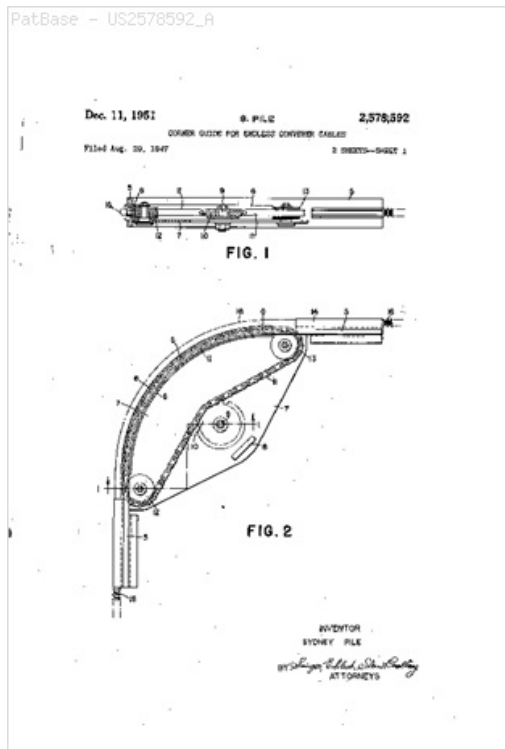
B61B12/00 B65G15/60 B65G39/00 F16H7/00 (Core/Invention)

International (IPC 1-7): B61B12/02 B65G21/16 E21C27/32 F16H55/50

CPC: B61B12/02 B65G15/60 B65G2201/02 F16H7/18

European: B61B12/02 B65G15/60 F16H7/18 L65G201/02

US: 198/833 198/837

**Family:**

Publication number	Publication date	Application number	Application date
BE477508 A	19471221		19471130
CH269369 A	19500630		19471118
GB616241 A	19490118	GB19460026284	19460831
US2578592 A	19511211	US19470771268	19470829

Priority:

GB19460026284 19460831

Probable Assignee: TELEFLEX PROD LTD**Assignee(s):** (std): PILE SIDNEY ; SYDNEY PILE ; TELEFLEX PROD LTD ; TELEFLEX PRODUCTS LIMITED ; TELEFLEX PRODUCTS LTD

Inventor(s): (std): PRODUCTS LIMITED TELEFLEX ; PRODUCTS TELEFLEX LTD ; SIDNEY PILE ; SYDNEY PILE
Inventor(s): TELEFLEX PRODUCTS LTD ; LIMITED TELEFLEX PRODUCTS ; PILE SIDNEY ; PILE SYDNEY

4) Family number: 19806336 (GB733180A)

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Title: CARRIERS FOR OVERHEAD CONVEYOR TRANSPORTATION

Abstract: Source: GB733180A 733,180. Slings. BOWATERS DEVELOPMENT and RESEARCH, Ltd. Sept. 17, 1953 [Sept. 17, 1952], No. 23371/52. Class 78 (4). Bundles of logs and c. are suspended from a runner on an overhead ropeway by a carrier 1 from which is suspended a sling 35 normally embracing the bundle and provided with means for releasing it so that the bundle drops out of balance on to a normally idle sling 8 and is thereby tipped and deposited. The sling 35 has an eye 36 at one end through which passes a button 38 supported in a recess between a pair of jaws 12, 13 carried by a cross-member 4 on the carrier 1. The movable jaw 13 is mounted on a plate 14 pivoted at 15 to the member 4 and is maintained in position by a part 18 of a bell-crank lever engaging a recess 16 in the plate. The lever is pivoted at 21 and has an arm 19 with an abutment 20. Release of the jaw is prevented by a lever 23 mounted on a pivot 24 and having an eccentric 25 which abuts a stop 17 on the plate 14 when the lever contacts a stop 26. When the lever 23 is moved to contact a stop 27, the eccentric is moved from the stop 17 so that when the abutment 20 is struck at the discharge point the member 18 moves from the recess and the jaw is free to pivot. The button is thus released and under the load passes through the eye 36; the weight of the load is then taken by sling 8 which allows the load to pivot to discharge. Initially the load is placed over the sling 35 in a ship. The button is pushed through the eye and a choker 42 on a chain is placed between the eye and button. The sling is then attached to the hook of a crane and transported to a lift truck. The forked end of the load arm of the truck is engaged beneath the button and is moved to the carrier where the button is engaged by the jaws 12, 13. The choker 42 is removed, the eye 37 is placed over a hook 43 on the crossbeam 4 and the chain of the choker is placed through the hook. The lever 23 is moved to engage the stop 27 by an abutment on the ropeway supports. In a modified form of carrier instead of the sling 8, chains are used attached to the carrier and to sling 35.

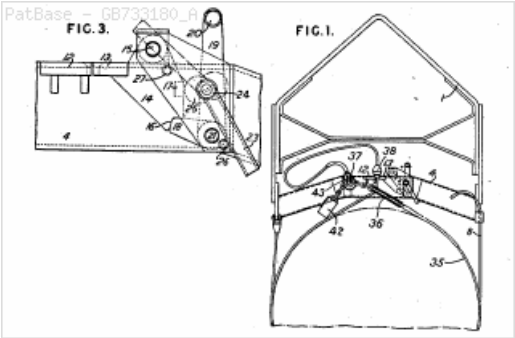
Classifications:

International (IPC 8-9): B61B12/02 (Advanced/Invention);

B61B12/00 (Core/Invention)

CPC: B61B12/02

European: B61B12/02



Family:

Publication number	Publication date	Application number	Application date
GB733180 A	19550706	GB19520023371	19520917

Priority:

GB19520023371 19520917

Probable Assignee: BOWATERS DEV AND RES LTD

Assignee(s): (std): BOWATERS DEV AND RES LTD

Assignee(s): BOWATERS DEVELOPMENT AND RESEARCH LIMITED ; BOWATERS DEVELOPMENT AND RESEARCH LTD

Inventor(s): (std): GREGORIAN GORIUNE THADDEUS

5) Family number: 20456730 (GB850525A)

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Title: APPARATUS FOR STORING, CHARGING AND ALLOCATING GRANULAR MATERIALS

Abstract: Source: GB850525A 850,525. Weighing apparatus. ARBAU BAUGERATE G.m.b.H. [formerly ARBAU HANDELSGESELLSCHAFT]. Oct. 25, 1956 [Oct. 25, 1955], No. 32632/56. Class 143 [Also in Group XXX] Material 16 (Fig. 1) piled on the outside of walls 7 surrounding a tower-like structure, is fed to gates 13 in the walls by a drag line scraper 20 hauled by a line 18 passing over a pulley 19. In the construction of Fig. 1 several grades of aggregate 16 are separated by partitions 15 and are fed through separate gates 13 to an automatic feed weigher 6, or to a device for measuring volumes, and is then mixed, in a mixer 1, with cement delivered from a hopper 8 by a worm 11, and with water admitted through a measuring device 10. The mixed concrete may then be delivered through a pneumatic conveyer 3 to a building site. The winch 17 for the drag scraper is mounted, with its axis vertical, above the walls 7 and may be controlled through cables 21 from handles on the drag shovel 20 which may have a tail rope; several shovels may be provided: Alternatively a single shovel 43 shown in plan in Fig. 8 can be carried by one run of an endless driving cable 42 passed round a tail pulley 44 carried by a carriage 57 moved along a rope track 56 by an endless driven cable 58. The tension in the cable 42 may be adjusted by tackle 46 and its value indicated by a spring measuring device 47. The track 56 may be replaced by a series of endless cables on to any one of which the carriage 57 may be secured. The drag line winch may be controlled by limit switches operated by stops 61 on the cable 42 and the discharge gates 13 and the winch may be controlled by an electromagnetic, electropneumatic or hydraulic system. Steam pipes or an infra red radiator 27 (Fig. 1) may heat the stored material, and vibrators may reduce its angle of repose.

Classifications:

International (IPC 8-9): B28C7/00 B28C7/08 B28C9/00

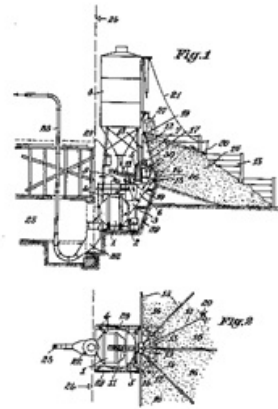
E02F3/54 (Advanced/Invention);

B28C7/00 B28C9/00 E02F3/46 (Core/Invention)

International (IPC 1-7): B28C7/00 B28C7/08 E02F3/54

CPC: E02F3/52 E02F7/06 B28C9/008 B28C7/0092 B28C7/0811

European: B28C7/00B6 B28C7/08D B28C9/00D E02F3/54

**Family:**

Publication number	Publication date	Application number	Application date
BE552097 A	19591231	BE19560552097	19561025
DE1021284 B	19571219	DE1955B037658	19551025
DE1041405 B	19581016	DE1956B042221	19561022
FR1161730 A	19580903		19560904
FR72744 E	19600722	FR19570749973	19571020
GB850525 A	19601005	GB19560032632	19561025

Priority:

DE1955B037658 19551025 DE1956B042221 19561022 FR19570749973 19571020

Probable Assignee: HEINZ BORS

Assignee(s): (std): ARBAU BAUGERAETE GES MIT BESCH ; BORS HEINZ

Assignee(s): HEINZ BORS ; ARBAU BAUGERAETE GES MIT BESCHRAENKTER HAFTUNG ; ARBAU BAUGERAETE GESELLSCHAFT MIT BESCHRAENKTER HA ; ARBAU BAUGERAETE GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG

Inventor(s): (std): BORS HEINZ

6) Family number: 21746233 (FR1463136A)

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Title: DISPOSITIONS POUR TELEPHERIQUES BICABLES PROVISIONS FOR cableways bicable (Machine translation)

Abstract: Source: FR1463136A [Source: Claim 1] 1. ressorts assurant le serrage de la pince d'accouplement. On voit sur les figures 1 et 2, le cable porteur 1 et le cable tracteur 2 du telepherique. Le bras de support 3 du vehicule est suspendu a un chariot 4 comportant des nervures de renforcement 5. Le chariot roule sur le cable porteur 1 au moyen de galets 6. En 7 la pince d'accouplement. Le vehicule est represente en position d'arrivee sur un pylone de l'installation, correspondant a la position A de la figure 3 avant son engagement sur les galets d'une rampe de soulevement 8, de sorte que la pince d'accouplement 7 est en position normalement fermee sur le cable tracteur [Source: Claim 1] 1. springs ensuring the tightening of the coupling clamp. We see Figures 1 and 2, the carrier cable 1 and 2 of the tractor cable ropeway. The support arm 3 of the vehicle is suspended from a carriage 4 having reinforcing ribs 5. The carriage rides on the cable carrier 1 by means of rollers 6. 7 the coupling clamp. The vehicle is represented in the arrival position on a pylon of the installation corresponding to the position A of Figure 3 prior to engagement of the rollers on a rail uplift 8, so that the coupling clamp 7 is normally closed position to the tractor cable

Classifications:

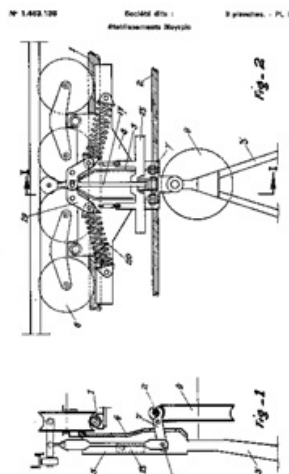
International (IPC 8-9): B61B12/12 (Advanced/Invention);

B61B12/00 (Core/Invention)

International (IPC 1-7): B61B12/12

CPC: B61B12/122

European: B61B12/12B

**Family:**

Publication number	Publication date	Application number	Application date
FR1463136 A	19661223	FR19653804845	19651029

Priority:

FR19653804845 19651029

Probable Assignee:

NEYRPIC ETS

Assignee(s): (std):

NEYRPIC ETS

Assignee(s):

ETABLISSEMENTS NEYRPIC

7) Family number: 718002 (US3390786A)

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Title: Overhead material conveying system**Abstract:** Source: US3390786A ABSTRACT OF THE DISCLOSURE

The overhead material conveying system is mainly conceived for transporting bulk material and the like, between two long distance spaced apart stations, usually arranged on the peaks or slopes of two hills or mountains forming therebetween a valley, gulley or gorge and wherein a dam, bridge or the like is to be built or repaired. The overhead conveying system enables to supply materials to a substantially rectangular zone between said stations and is particularly used where the terrain is such that truck or rail transportation is not practical. B

Classifications:

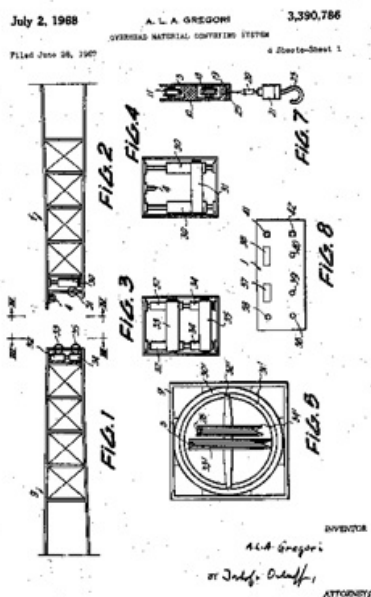
International (IPC 8-9): B66C21/00 B66C23/00 (Advanced/Invention);
B66C21/00 B66C23/00 (Core/Invention);
E01D (Subclass/Invention)

International (IPC 1-7): B66C11/16 B66C21/00 B66C21/02
B66C21/04 E01D

CPC: B66C21/00 B66C23/00 B66C2700/011 B66C2700/03

European: B66C21/00 B66C23/00 L66C700/01A L66C700/03

US: 212/73

**Family:**

Publication number	Publication date	Application number	Application date
DE1531190 A1	19700430	DE19671531190	19670929
ES345521 A1	19690316	ES19670345521	19670928
GB1203798 A	19700903	GB19670044512	19670929
US3390786 A	19680702	US19670648923	19670626

Priority:

BR19660083324 19660930 BR19660183324 19660930 ES19670345521 19670928

Probable Assignee: VINCENZO GREGORI

Assignee(s): (std): GREGORI ALBERTO LUIS ANTONIO ; VINCENZO GREGORI

Assignee(s): ALBERTO LUIS ANTONIO GREGORI

Inventor(s): (std): ANTONIO GREGORI ALBERTO LUIS ; GREGORI ALBERTO LUIS ANTONIO

Inventor(s): ALBERTO LUIS ANTONIO GREGORI

8) Family number: 421822 (DE1962361B1)

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Title: SCHALLERZEUGER ZUM VERSCHEUCHEN VON UNERWUNSCHTEN TIEREN SCHALLER SOURCES FOR SHOO OF UNDESIRABLE ANIMALS (Machine translation)

Abstract: Source: DE1962361B1 (Claim 1) ****WARNING**** Anfang CLMS Feld konnte Ende DESC überlappen ******. Die Erfindung betrifft einen Schallerzeuger zum Verscheuchen von unerwünschten Tieren mit Hilfe von Gasexplosionen mittels einer aus einem Schallrohr mit Explosionsraum, einem -Gaszuteilermechanismus, einem Zünder und einer Gasquelle bestehenden Vorrichtung, bei der das unter Druck stehende Gas den Mechanismus betätigt, der das Gas mittels einer Membran- und Ventilanordnung dosiert, periodisch in gleichen Mengen durch eine Düse in den Explosionsraum einspeist und in ihm entzündet, wobei der Knall aus- dem Schallrohr schießt, wobei ein durch die Explosionsenergie betätigter Drehmechanismus die Vorrichtung um eine lotrechte Achse in verschiedene Richtungen schwenkt; sie bezweckt die weitere Ausbildung und Verbesserung des Schallerzeugers des Hauptpatentes 1 208 549. Es ist bereits bekannt, dem Schreckeffekt dadurch einen größeren Wirkungsbereich zu geben und einen abstumpfenden Einfluss auf die -Tiere durch ständig aus derselben Richtung kommende Schallsignale zu verhindern, dass man die Knallapparate sich bei jedem Schuss um einen bestimmten Winkelbetrag weiterdrehen lässt, wobei für jeden neuen Schuss eine ganz andere Schallrichtung und sogar Klangfarbe entsteht. Für den das Gerät weiterbewegenden Drehimpuls wird ein Teil der Abgasenergie ausgenutzt. (Claim 1) **** WARNING **** at the beginning of CLMS field could overlap end of DESC ******. The invention concerns a sound producer to the Verscheuchen of unwanted animals by gas explosions by means of one from a sound pipe with explosion area, one - gas distributor mechanism, a fuze and a Gasquelle existing device, with which the gas which is at pressure operates the mechanism, which feeds the gas by means of a diaphragm and a valve arrangement proportioned, periodically into same quantities by a nozzle into the explosion area and in it ignited, whereby the bang out the sound pipe shoots, whereby a turning mechanism operated by the explosion energy swivels the device around a perpendicular axle in verschiedene directions; it aims at the further training and improvement of the sound producer of the principal patent 1,208,549. It is already well-known to give to the fright effect thereby a larger effective range and a blunting influence on - to constantly prevent animals by Schallsignale coming from the same direction that one can be kept turning the bang apparatuses with each shot around a certain angle amount, whereby for each new shot a completely different sound direction and even tone quality develop. For the equipment moving on angular momentum a part the exhaust gases energy is used.

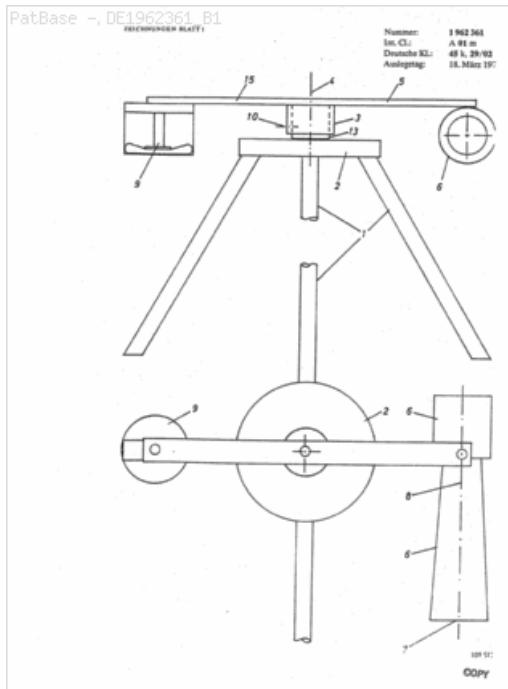
Classifications:

International (IPC 8-9): A01M29/20 (Advanced/Invention)

International (IPC 1-7): A01M29/02

CPC: A01M29/20

European: A01M29/20



Family:

Publication number	Publication date	Application number	Application date
DE1962361 B1	19710318	DE19691962361	19691212

Priority:

DE19691962361 19691212

Probable Assignee:

REICHLE FRITZ DR

Assignee(s): (std):

REICHLE FRITZ DR

Inventor(s): (std):

REICHLE FRITZ DR

Title: AERIAL TRANSPORT MEANS

Abstract: Source: GB1401464A 1401464 Rope railways POHLIG-HECKELBLEICHERT VEREINIGTE MASCHINENFABRIKEN AG 9 Oct 1972 [13 Oct 1971] 46430/72 Heading B7L A ropeway conveyer comprises a carrying cable 1 along which run rollers 5 supporting load carrying tubs, the tubs being driven by a traction cable 2, and being pivotable for discharge of the load therein either about a longitudinal axis (as seen on the left in Fig. 2) or by releasing couplings 8 at one end of the tubs (as seen on the right in Fig. 2). Releasing devices 11 are provided for tipping the tubs and a ramp 12 is provided for return of the tubs to their coupled position. In an alternative embodiment (Fig. 5) twin tubs 22 are provided supported from rollers 24 running on a carrying cable 20 and having clamps 23 for attachment to traction cables 21. The tubs 22 may be mounted for pivotal movement about an axis transverse to the cable 90 for traversing vertical or inclined sections of track.

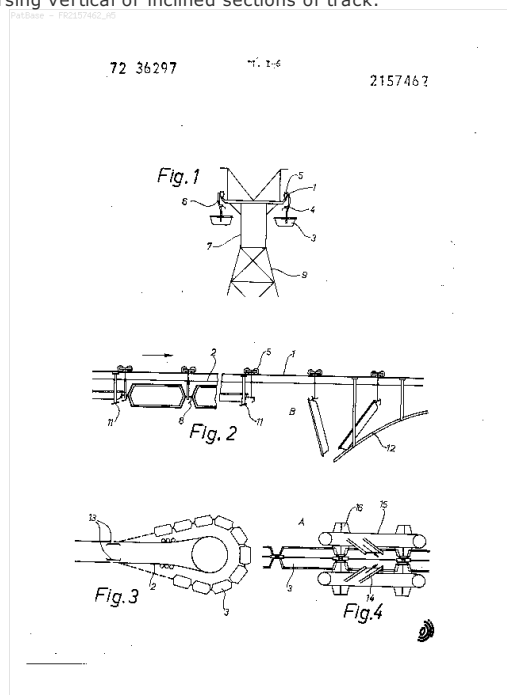
Classifications:

International (IPC 8-9): B61B12/02 B61B7/04 (Advanced/Invention); B61B12/00 B61B7/00 (Core/Invention)

International (IPC 1-7): B61B10/02 B61B7/00 B61B7/02 B65G17/00 B65G47/00

CPC: B61B7/045 B61B12/022

European: B61B12/02B B61B7/04B



Family:

Publication number	Publication date	Application number	Application date
AT333846 B	19761210	AT19720008652	19721009
AT865272 A	19760415	AT19720008652	19721009
DE2150938 A1	19730419	DE19712150938	19711013
DE2150938 B2	19760708	DE19712150938	19711013
DE2150938 C3	19770224	DE19712150938	19711013
FR2157462 A5	19730601	FR19720036297	19721013
GB1401464 A	19750716	GB19720046430	19721009
GB1401952 A	19750806	GB19740055231	19721009
IT968856 A	19740320	IT19720030363	19721011

Priority:

DE19712150938 19711013

Probable Assignee: POHLIG HECKEL BLEICHERT

Assignee(s): (std): POHLIG HECKEL BLEICHERT

Assignee(s): POHLIG HECKEL BLEICHERT AG ; POHLIG HECKEL BLEICHERT VEREINIGTE MASCHINENFABRIKEN A ; POHLIG HECKEL BLEICHERT VEREINIGTE MASCHINENFABRIKEN AG ; POHLIG HECKEL BLEICHERT VEREINIGTE MASCHINENFABRIKEN AKTIENGESellschaft ; POHLIG-HECKEL-BLEICHERT VEREINIGTE MASCHINENFABRIKEN AG 5000 KOELN

Inventor(s): (std): ULRICH UDO

Title: OVERHEAD CABLEWAY

Abstract: Source: US5121695A An overhead cableway is disclosed, in particular a chair lift, with a cable revolving between stations and with transport devices having a traveling gear and connected with the cable via removable clamps. Travel segments are provided at every station which include driven friction wheels, which act on the transport devices via friction surfaces provided on their traveling gear, and forming at least one deceleration and one acceleration section each, and with guide elements associated with the travel segments, which cooperate with the traveling gear. In accordance with the invention, the friction wheels (6,10) define traveling surfaces (20) and the transport devices (50) are supported by their downwardly oriented friction surfaces (88) directly on the friction wheels, and the guide elements (48) are seated rotatably and fixed in place.

Classifications:

International (IPC 8-9): A61M37/00 A61N1/04 A61N1/30 A61N1/32 B61B11/00 B61B12/02 B61B12/10 (Advanced/Invention);

A61N1/04 (Advanced/Non-invention);

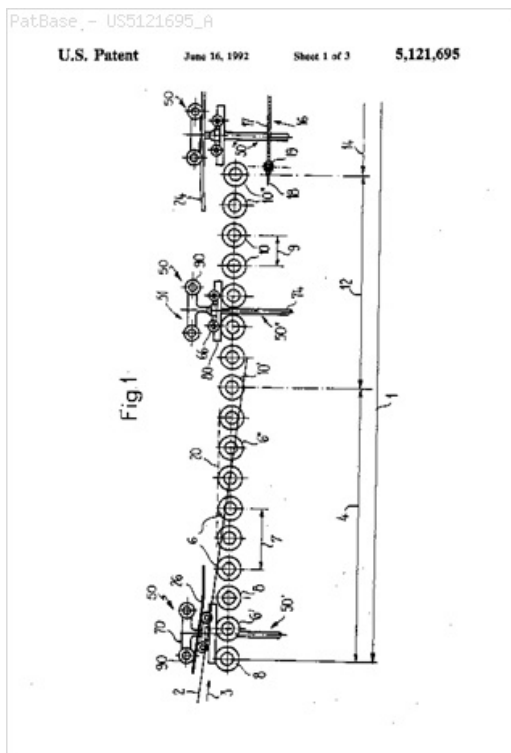
A61M37/00 A61N1/04 A61N1/30 A61N1/32

B61B12/00 (Core/Invention);

A61M A61N (Subclass/Invention)

International (IPC 1-7): A61M A61M35/00 A61M37/00 A61N1/04 A61N1/30 B61B11/00 B61B12/02 B61B12/10 G04B47/00

CPC: A61N1/303 B61B12/105 A61N1/044 A61N1/0448 A61N1/325
European: A61N1/04E1I1S A61N1/04E1I3 A61N1/30B A61N1/32E
 B61B12/10B
US: 104/178 104/229 104/230 104/87 104/91 105/150 105/153
 188/43 188/62



Family:

Publication number	Publication date	Application number	Application date
AT100385 E	19940215	AT19900122487T	19901126
AU199068330 A1	19910627	AU19900068330	19901220
AU652135 B2	19940818	AU19900068330	19901220
CA2032241 AA	19910622	CA19902032241	19901213
CH684725 A3	19941215	CH19900004145	19901220
CH684725 B	19950615	CH19900004145	19901220
DE4040911 A1	19910627	DE19904040911	19901220
DE59004333 D1	19940303	DE19905004333	19901126
EP0433703 A1	19910626	EP19900122487	19901126
EP0433703 B1	19940119	EP19900122487	19901126
ES2048393 T3	19940316	ES19900122487T	19901126
FR2656223 A1	19910628	FR19900016030	19901220
FR2656223 B1	19980102	FR19900016030	19901220
GB2239803 A1	19910717	GB19900027683	19901220
GB2239803 B2	19940803	GB19900027683	19901220
GB9027683 A0	19910213	GB19900027683	19901220
IE62025 B	19941214	IE19900000364	19900201
IE63598 B	19950517	IE19900004613	19901220
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JP4208166 A2	19920729	JP19900418156	19901221
US5121695 A	19920616	US19900627830	19901217
ZA9010280 A	19911030	ZA19900010280	19901220

Priority:

CA19902032241 19901213 CH19890004596 19891221 CH19890004597 19891221
 EP19900122487 19901126 FR19890017296 19891226 IE19900000364 19900201

Probable Assignee: VON ROLL SEILBAHNEN AG

Assignee(s): (std): ELAN CORP PLC ; VON ROLL TRANSPORTSYSTEME ; FUON ROORU TORANSUPORUTOSHISUT ; VON ROLL SEILBAHNEN BERN AG ; ELAN CORP ; VON ROLL SEILBAHNEN AG

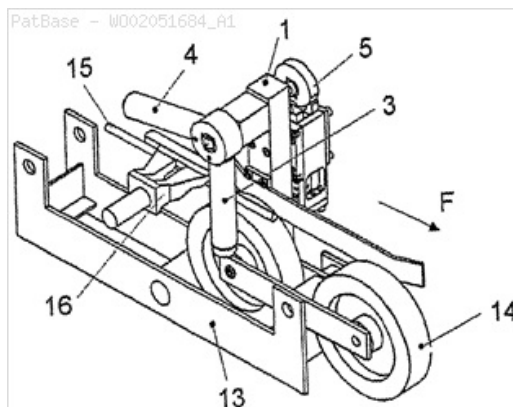
Assignee(s): ELAN PUBLIC CO CORP LTD ; FEUZ FRITZ ; ELAN CORP P L C ATHLONE WESTMEATH IE ; VON ROLL TRANSPORTSYSTEME AG ; FUON ROORU TORANSUPORUTOSHISUTEME AG ; VON ROLL SEILBAHNEN BERN CH AG ; ELAN P L C CORP ; ELAN PHARMA INT LTD ; ELAN PLC CORP

Inventor(s): (std): FEUZ FRITZ ; FURITSUTSU FUOITSU ; JACQUES MUELLER ; JACQUES MULLER ; JIYAaku MIYURAA ; JIYON DEIBUEIN ; JOHN DEVANE ; KENISU UIRIAMU HENRI MAKUBEI ; KENNETH WILLIAM HENRY MCVEY ; MC VEY KENNETH WILLIAM HENRY ; MCVEY KENNTH WILLIAM HENRY ; PIEERUUANDORE NUWAARUJIYAN ; PIERRE ANDRE NOIRJEAN ; NOIRJEAN PIERRE ANDRE ; MULLER JACQUES ; MUELLER JACQUES ; MCVEY KENNETH WILLIAM HENRY ; MC VEY KENNETH WILLIAM ; DEVANE JOHN ; DEVANE JHONN

Inventor(s): FEUZ FRITZ CH 3600 THUN CH ; MCVEY KENNTH WILLIAM HENRY ATHLONE COUNTY... ; MCVEY KENNTH WILLIAM HENRY ATHLONE COUNTY WESTMEAT ; MUELLER JACQUES RECONVILLIER CH ; NOIRJEAN PIERRE ANDRE COURFAIVRE CH

Agent(s): WRAYS ; GOWLING LAFLEUR HENDERSON LLP ; REINHOLD COHN AND PARTNERS; SANFORD TCOLB AND CO

Designated states: AT CH DE ES FR IT LI SE



Family:

Publication number	Publication date	Application number	Application date
AU2002222398 AA	20020708	AU20020222398	20011220
EP1216908 A1	20020626	EP20000811236	20001222
WO02051684 A1	20020704	WO20011B02626	20011220

Priority:

EP20000811236 20001222 WO20011B02626 20011220

Probable Assignee: VUILLE DANIEL

Assignee(s): (std): VUILLE DANIEL

Inventor(s): (std): VUILLE DANIEL

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 NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

13) Family number: 48503846 (US2011067218A)

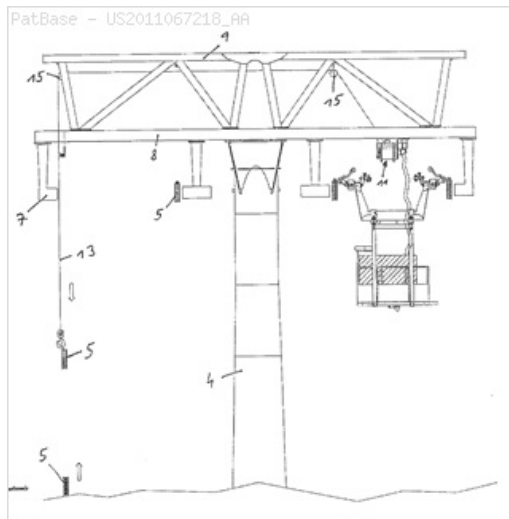
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Title: METHOD AND DEVICE FOR EXCHANGING ROLLER BATTERIES

Abstract: Source: US2011067218A A method and a device for exchanging roller batteries on supports of cableway installations, include driving a service vehicle towards the support, lifting a cable which runs on the roller battery from the roller battery, then dismantling the roller battery and installing a new roller battery and finally relaying the cable on the roller battery.

Classifications:

International (IPC 8-9): B23P19/00 B61B12/00 B61B12/02 B61B12/06 B61B3/00 B61B7/00 B66D1/26 B66D1/36 B66D1/60 E01B25/18 E01B29/00 E01B29/32 (Advanced/Invention)
CPC: Y10T29/49718 Y10T29/49721 Y10T29/4973 Y10T29/49817 B61B12/02 B61B12/06
European: B61B12/02 B61B12/06
US: 104/112 254/266 254/266S 254/278 254/278S 254/334 254/334S 29/402.01 29/402.03 29/402.08 29/426.2 29/426.200P



Family:

Publication number	Publication date	Application number	Application date
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CA2714715 AA	20110324	CA20102714715	20100910
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CA2834018 AA	20110324	CA20102834018	20100910
CA2834018 C	20151117	CA20102834018	20100910
CN102031735 A	20110427	CN201010290347	20100920
CN102031735 B	20170426	CN201010290347	20100920
EP2301819 A2	20110330	EP20100450128	20100805
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RU2526317 C2	20140820	RU20100139209	20100923
US2011067218 AA	20110324	US20100889751	20100924
US8528179 BB	20130910	US20100889751	20100924

Priority:

AT20090001503 20090924 CA20102714715 20100910 CA20132714715 20131206

Probable Assignee: INNOVA PATENT GMBH**Assignee(s):** (std): INNOVA PATENT GMBH ; INNOVA PATENT GMBKH ; KOHLER CHRISTIAN ; LINDER STEFAN ; SUTTER JOSEF**Inventor(s):** (std): LINDER STEFAN ING ; SUTTER JOSEF ING ; ZUTTER JOZEF ; SUTTER JOSEF ; LINDER STEFAN ; LINDER SHTEFAN ; KOLER KRISTIAN ; KOHLER CHRISTIAN**Inventor(s):** JOSEF SUTTER ; CHRISTIAN KOHLER ; STEFAN LINDER**Agent(s):** RIDOUT AND MAYBEE LLP; HEHENBERGER REINHARD; LAURENCE A; RALPH E; WERNER H**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**14) Family number: 52690255 (CN202644321U)**

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Title: SOFT-SURFACE OR SPONGY-SURFACE TRACK OF ELECTRIC MOUNTAIN-CLIMBING CAR

Abstract: Source: CN202644321U The utility model relates to a soft-surface or a spongy-surface track of an electric mountain-climbing car, which is applied in a mountain-climbing railcar system of a tourist attraction, and is a specific track of a mountain-climbing transport railcar, replacing a passenger ropeway. An upper track surface of a steel track is added with a soft surface which is made of rubber or other materials for increasing frictional force. The upper surface of the steel track can be also added with a spongy-surface device or processed into a spongy surface, forming bumps and recesses, and thereby frictional force for a mountain-climbing car to climb a mountain can be increased and the mountain-climbing car can be prevented from slipping.

Classifications:**International (IPC 8-9):** E01B23/00 (Advanced/Invention)

PatBase - CN202644321_U

CN 202644321 U 说明书附图 1/3 页

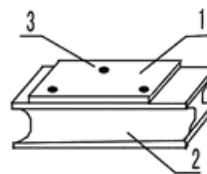


图 1

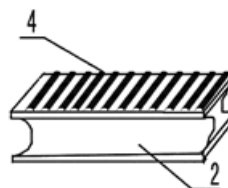


图 2

Family:

Publication number	Publication date	Application number	Application date
CN202644321 U	20130102	CN201220038438U	20120207

Priority:

CN201220038438U 20120207

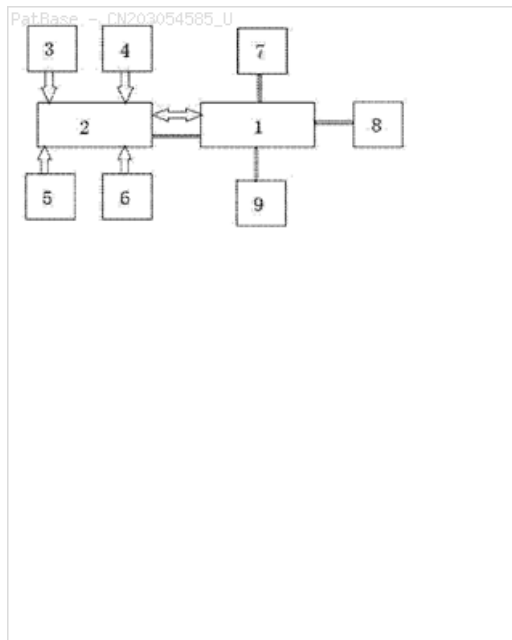
Probable Assignee: AN HAIYAN**Assignee(s):** (std): AN HAIYAN**Inventor(s):** (std): THE INVENTOR HAS WAIVED THE RIGHT TO BE MENTIONED**Inventor(s):** INVENTOR HAS WAIVED RIGHT TO BE MENTIONED**15) Family number: 54331768 (CN203054585U)**

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Title: PASSENGER ROPEWAY DISTRIBUTION, CONTROL AND MONITOR SYSTEM

Abstract: Source: CN203054585U The utility model discloses a passenger ropeway distribution, control and monitor system which comprises an industrial control computer, a PLC, an electrical parameter detection apparatus, a hydraulic station parameter detection apparatus, a ropeway detaching detection device and a gondola position detecting device, wherein the industrial control computer serves as a master control unit, and the PLC serves as a data collection and execution mechanism which sets passenger ropeway operation parameters, displays operation parameters and fault information and dynamically monitors the cableway operation. A cableway support detaching loop is designed by employing a CAN bus. In addition to a 24VDC power line, only two communication lines are needed to replace conventional means of one support and one wire, thereby substantially reducing the difficulty and cost for laying communication lines. Radio-frequency card technology is employed for detecting the position of a gondola, so that managers can rapidly and reasonably make a rescue scheme according to the position and height of each gondola in a complex cableway route.

Classifications:**International (IPC 8-9):** G05B19/418 (Advanced/Invention)**CPC:** Y02P90/02



Family:

Publication number	Publication date	Application number	Application date
CN203054585 U	20130710	CN201320081227U	20130221

Priority:

CN201320081227U 20130221

Probable Assignee: SHANDONG ACADEMY OF SCIENCES INST AUTOMATION

Assignee(s): (std): SHANDONG ACADEMY OF SCIENCES INST AUTOMATION ; SHANDONG ACADEMY OF SCIENCES INST OF AUTOMATION

Inventor(s): (std): GAO HONGFENG ; LIU KUN ; LIU ZHENG TANG ; YIN YANHUA ; ZHANG LEI ; ZHANG SHUNHAI ; ZHAO QINGZHU ; ZHAO YIQIANG

16) Family number: 65070995 (CN205989168U)

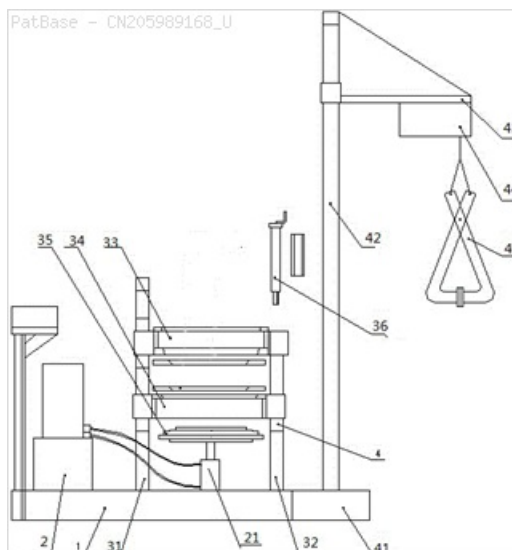
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Title: Passenger ropeway up cable round liner replacement fixtures (Machine translation)

Abstract: Source: CN205989168U This practical new public has a passenger ropeway supporting pressure cable round round lining replaced tooling, contains has base and the fixed in base Shang of hydraulic power system and round lining replaced device, by said round lining replaced device contains has support Rod a, and support Rod II, and Shang pressure disc, and Xia pressure disc and top disc, by said support Rod a, and support Rod two fixed set Yu base Shang, by said Xia pressure disc fixed connection Yu support Rod a and support Rod II Zhijian, by said Shang pressure disc and support Rod a, and support Rod II activities connection, The upper pressure plate can rotate support bar at one end and displacement, through external components and the support rod at the other end two fixed connections, under the top plate set on just below the pressure plate and fixed on a two-way hydraulic cylinder in hydraulic power systems, through control of the hydraulic power system for wheel moves up and down. The utility is simple in structure, convenient operation, saving manpower and material resources.

Classifications:

International (IPC 8-9): B23P19/027 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN205989168 U	20170301	CN201620997832U	20160831

Priority:

CN201620997832U 20160831

Probable Assignee:

YU MAOJUN

Assignee(s):

YU MAOJUN