

Search history

- Search 1: TAC=(Cable and generator and vehicle and transport) (Results 249)
- Search 2: TAC=(Cable and generator and vehicle and transport and control) (Results 175)
- Search 3: TAC=(Cable and generator and vehicle and transport and control) (Results 175)
- Search 4: TAC=(Cableway and generator and vehicle and transport and control) (Results 3)
- Search 5: TAC=(Cableway and generator and transport and control) (Results 7)

Title:
ROCKET LAUNCH SYSTEM AND
SUPPORTING APPARATUS

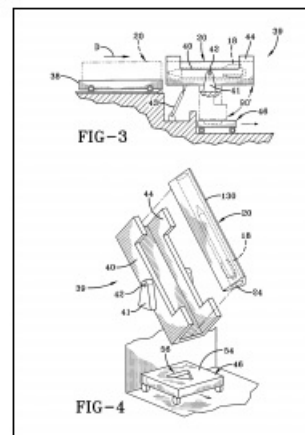
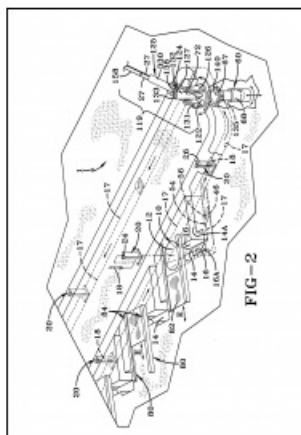
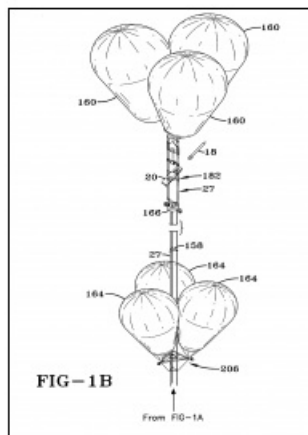
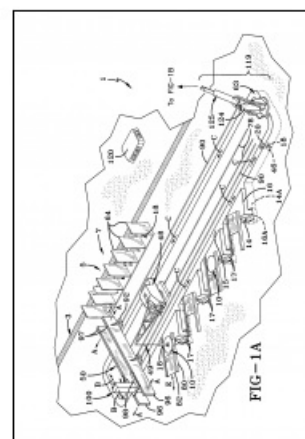
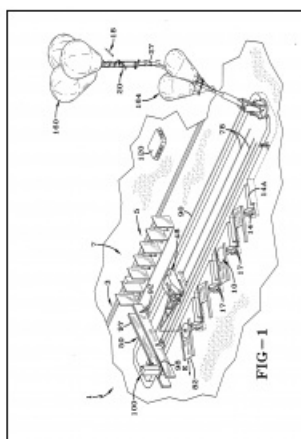
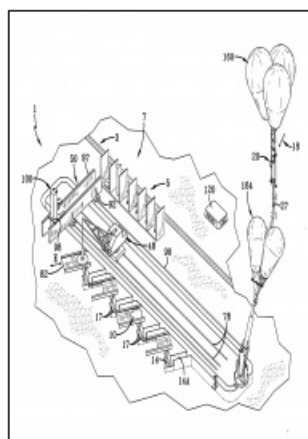
Abstract:

Source: US2013007935A A rocket launch system (1) includes a tubular rocket launcher carriage (2) with electromotive **cableway** traction drives (26) conveyed beneath a two axis pivot (63) anchored to the earth, elevated into a co-axial transfer tube (124, 143) leading to three primary tether cables (27) whose weight is offset by balloons (164). The carriage is conveyed to a docking station (166) supported into the stratosphere by a pair of secondary cables (184) suspended under an attachment frame (162) for tensioning balloons. The carriage is engaged by a carriage end gripper (196) guided by ...

Probable Assignee:
CARRAHA KIMBERLY

Assignee(s):(std):
CARRAHA KIMBERLY ;
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; CHIN HOWARD ; HOWARD M
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KARRAKHA KIMBERLI A

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HARBOURSIDE
DRIVEWESTONFL33326US



34 more images available

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2011215552 AA	20110818	LSPB	+	published / reissued	
AU2011215552 AA	20151119	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2011215552 BB	20150723	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2789506 AA	20120809	LSPB	+	published / reissued	
CA2789506 AA	20140130	LSSES	+EEER	EXAMINATION REQUEST	EFFECTIVE DATE : 20140103
CA2789506 C	20150721	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2875430 AA	20110818	LSPB	+	published / reissued	
CA2875430 AA	20150804	LSSES	+EEER	EXAMINATION REQUEST	EFFECTIVE DATE : 20150727
CA2875430 C	20160517	LSGT	+	granted / extensions (spc, cpc, pte)	
CA2875464 AA	20110818	LSPB	+	published / reissued	
CA2875464 AA	20150814	LSSES	+EEER	EXAMINATION REQUEST	EFFECTIVE DATE : 20150727
CA2875464 C	20160426	LSGT	+	granted / extensions (spc, cpc, pte)	
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CN104236390 A	20141224	LSPB	+C06	PUBLICATION	
CN104236390 A	20170104	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN104236390 B	20170104	LSGT	+	granted / extensions (spc, cpc, pte)	
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EP3196587 A1	20170726	LSPB	+	extensions (spc, cpc, pte) published / reissued	
IN01908MN2012 A	20140725	LSPB	+	published / reissued	
JP2013528766 T2	20130711	LSPB	+	published / reissued	
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JP2013528766 T2	20140206	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20140205
JP2013528766 T2	20140930	LSSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20140930
JP2013528766 T2	20150227	LSRE	A521	WRITTEN AMENDMENT	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20150227
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JP2013528766 T2	20150825	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A01 EFFECTIVE DATE : 20150825
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KR101505444 B1	20150330	LSGT	+	granted / extensions (spc, cpc, pte)
KR101579567 B1	20151222	LSGT	+	granted / extensions (spc, cpc, pte)
KR20130019380 A	20130226	LSPB	+	published / reissued
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KR20130086263 A	20141126	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL
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RU2551047 C2	20150520	LSGT	+	granted / extensions (spc, cpc, pte)
SG183205 A1	20120927	LSPB	+	published / reissued
US2013007935 AA	20130110	LSPB	+	published / reissued
US2013007935 AA	20170331	LSES	+NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications
US2013007935 AA	20170608	LSFE	-AWA4	Awaiting TC Resp., Issue Fee Not Paid
US2013007935 AA	20170610	LSES	+NAM1	Notice of Allowance Mailed -- Application Received in Office of Publications
US2013007935 AA	20170627	LSFE	+PPR1	Publications -- Issue Fee Payment Received
US2013007935 AA	20170628	LSFE	+PPV1	Publications -- Issue Fee Payment Verified
WO11100053 A2	20110818	LSPB	+	published / reissued

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Title:

Cable car system with passenger carriers suspended from a suspension and traction cable guided around two deflection pulleys

Abstract:

Source: US5626078A A cable car system has a suspension and traction cable carrying passenger carriers, such as lift chairs. The cable is guided around two deflection pulleys. A conveyor device conveys passengers from an entrance gate to a boarding point at which the passengers board to carriers. The opening of the entrance gate and the conveyor device are **controlled** with a central **control** unit. The central **control** unit receives signals from various sensors, such as a signal transducer which is tripped when a passenger carrier passes by, and a speed transducer which measures the speed of the ...

Probable Assignee:

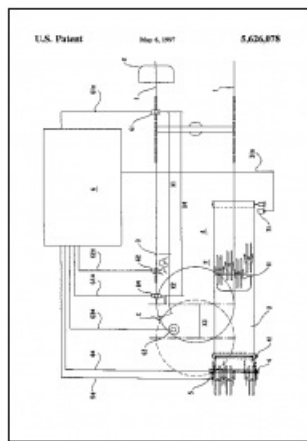
INNOVA PATENT GMBH

Assignee(s):(std):

D KO KG ; DOPPELMAYR AND SOHN ; FUCHS ELMAR B ; INNOVA PATENT GMBH ; KONRAD DOPPEL MAJR U ZON MAS ; KONRAD DOPPEL MAJR UND ZON MAS ; KONRAD DOPPELMAYR AND SOHN MAS ; KONRAD DOPPELMAYR U SOHN MASCH

Assignee(s):

KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK G M B H ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GESELLSCHAFT M B H AND CO KG ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GESELLSCHAFT M B H and ; KONRAD DOPPELMAYR AND SOHN MASCHF GES MBH AND CO KG ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GMBH AND CO KG ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GES M B H AND CO KG WOLFURT AT ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIKGESELLSCHAFT M B H AND CO KG ; KONRAD DOPPELMAYR AND SOHN MASCHF GES M B H AND COKG ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK G M B H AND CO KG ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GESELLSCHAFT MBH AND CO KG ; KONRAD DOPPELMAYR AND SOHN MASCHF GES MBH AND ; KONRAD DOPPELMAYR U SOHN MASCHINENFABRIK GES MBH U ; KONRAD DOPPELMAYR U SOHN MASCHF GES MBH U CO KG ; KONRAD DOPPEL MAJR UND ZON MASHINENFABRIK GMBKH UN ; KONRAD DOPPEL'MAJR UND ZON MASHINENFABRIK GMBKH UND KO. KG ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GESELLS ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GMBH AN ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GES M B ; KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIKGESELLSC ; KONRAD DOPPEL MAJR U ZON MASHINENFABRIK GMBKH UN ; KONRAD DOPPELMAYR AND SOHN MASCHF GES ; KONRAD DOPPELMAYR AND SOHN MAS FAB GMBH AND CO KG

**Legal status (INPADOC)**

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Patent	Date recorded	Event group	Code	Event	Details
AT179375 E	19990515	LSGT	+	granted / extensions (spc, cpc, pte)	
AT405271 B	19990625	LSGT	+	granted / extensions (spc, cpc, pte)	
AT405271 B	20001115	LSAS	EIH	CHANGE IN THE PERSON OF PATENT OWNER	
AT405271 B	20140715	LSLE	-MM01	LAPSE BECAUSE OF NOT PAYING ANNUAL FEES	EFFECTIVE DATE : 20131115
AT62295 A	19981115	LSPB	+	published / reissued	
AU199648251 A1	19961017	LSPB	+	published / reissued	
CA2173694 AA	19961008	LSPB	+	published / reissued	
CA2173694 AA	19980406	LSSES	+EEER	EXAMINATION REQUEST	
CA2173694 AA	20100409	LSLE	-MKLA	LAPSED	
CA2173694 AA	20100523	LSLE	-MKLA	LAPSED	EFFECTIVE DATE : 20100409
CA2173694 C	20010911	LSGT	+	granted / extensions (spc, cpc, pte)	
CN1138539 A	19961225	LSPB	+	published / reissued	
CN1138539 A	19961225	LSPB	+C06	PUBLICATION	
CN1138539 A	19990106	LSDW	-C01	DEEMED WITHDRAWAL OF PATENT APPLICATION (PATENT LAW 1993)	
CN1138539 A	20041210	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : HK REF LEGAL EVENT CODE : GR REF DOCUMENT NUMBER : 1015274 COUNTRY OF REF DOCUMENT : HK
CZ290994 B6	20021113	LSGT	+	granted / extensions (spc, cpc, pte)	
CZ290994 B6	20091029	LSLE	-MM4A	Lapse of patent due to failure of payment of fees	EFFECTIVE DATE : 20090404
CZ9600996 A3	19961016	LSPB	+	published / reissued	
DE59601748 D1	20000504	LSOP	-8363	OPPOSITION AGAINST THE PATENT	
DE59601748 D1	20010315	LSAS	8327	CHANGE IN THE PERSON/NAME/ADDRESS OF THE PATENT OWNER	OWNER NAME : INNOVA PATENT GMBH, WOLFURT, AT
DE59601748 D1	20020411	LSGT	+8365	FULLY VALID AFTER OPPOSITION PROCEEDINGS	
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EP0736434 A2	19970108	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19961108
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EP0736434 A2	20010530	LSOP	-R26	OPPOSITION FILED (CORRECTION)	OPPONENT NAME : ELIN SEILBAHNTECHNIK GMBH AND CO. KG EFFECTIVE DATE : 20000128
EP0736434 A2	20020306	LSRE	+270	OPPOSITION REJECTED	EFFECTIVE DATE : 20010923
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EP0736434 A2	20140131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 20130903
EP0736434 B1	19990428	LSGT	+	granted / extensions (spc, cpc, pte)	
FI110591 B	20030228	LSPB	+	published / reissued	
FI961477 A	19961008	LSPB	+	published / reissued	
IN192612 A	20040508	LSPB	+	published / reissued	
IN192612 B	20050916	LSGT	+	granted / extensions	

				(spc, cpc, pte)		
JP3561077 B2	20040902	LSGT	+	granted / extensions (spc, cpc, pte)		
JP3561077 B2	20040427	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN		
JP3561077 B2	20040507	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A01 EFFECTIVE DATE : 20040506	
JP3561077 B2	20040603	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	DESCRIPTION : JAPANESE INTERMEDIATE CODE: A61 EFFECTIVE DATE : 20040527	
JP3561077 B2	20040604	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R150	
JP3561077 B2	20070522	LSFE	+R250	RECEIPT OF ANNUAL FEES	DESCRIPTION : JAPANESE INTERMEDIATE CODE: R250	
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JP9150735 A2	19970610	LSPB	+	published / reissued		
KR19960037460 A	19961119	LSPB	+	published / reissued		
NZ286269 A	19971024	LSPB	+	published / reissued		
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PL179916 B1	20001130	LSGT	+	granted / extensions (spc, cpc, pte)		
PL313576 A1	19961014	LSPB	+	published / reissued		
RU2145287 C1	20000210	LSGT	+	granted / extensions (spc, cpc, pte)		
RU2145287 C1	20051220	LSAS	PC4A	INVENTION PATENT ASSIGNMENT	EFFECTIVE DATE : 20051018	
RU2145287 C1	20100720	LSLE	-MM4A	THE PATENT IS INVALID DUE TO NON-PAYMENT OF FEES	EFFECTIVE DATE : 20090406	
RU96106424 A	19980710	LSPB	+	published / reissued		
SK43896 A3	19961106	LSPB	+	published / reissued		
US5626078 A	19970506	LSGT	+	granted / extensions (spc, cpc, pte)		
US5626078 A	19970106	LSAS	AS	ASSIGNMENT	OWNER NAME : KONRAD DOPPELMAYR AND SOHN MASCHINENFABRIK GESELLSCH DESCRIPTION : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR:FUCHS, ELMAR B.; REEL/FRAME:008293/0619 EFFECTIVE DATE : 19960319	
US5626078 A	19970224	LSGT	PAT1	Patented Case		
US5626078 A	19980106	LSRE	CC	CERTIFICATE OF CORRECTION		
US5626078 A	20000719	LSAS	AS	ASSIGNMENT	OWNER NAME : INNOVA PATENT GMBH, AUSTRIA	

DESCRIPTION : ASSIGNMENT
OF ASSIGNORS INTEREST;
ASSIGNORS:KONRAD
DOPPELMAYR AND SOHN;
MASCHINENFABRIK MBH AND
CO. KG;
REEL/FRAME:010984/0263
EFFECTIVE DATE : 20000613

US5626078 A	20001009	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US5626078 A	20040928	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US5626078 A	20081007	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12

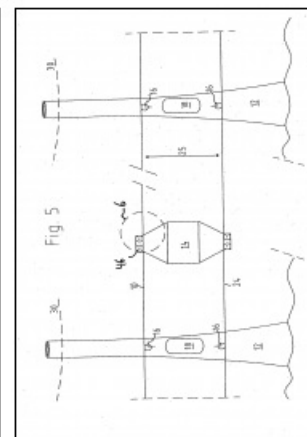
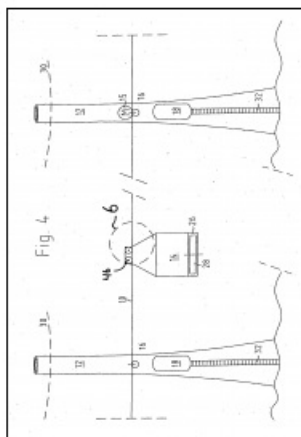
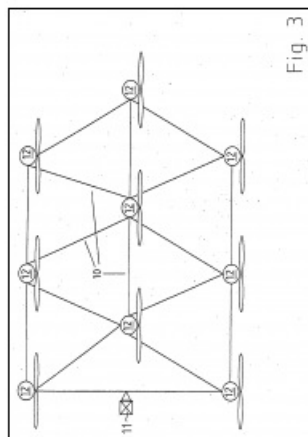
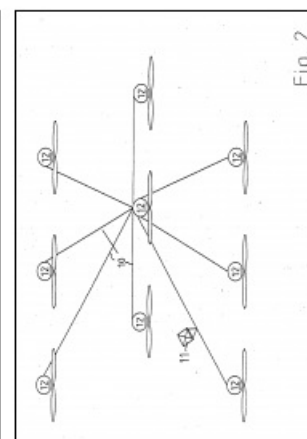
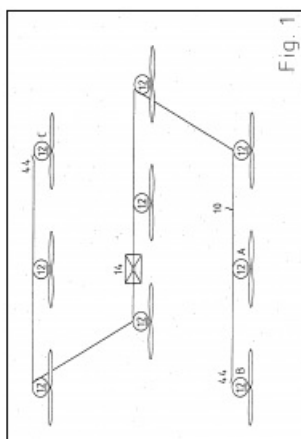
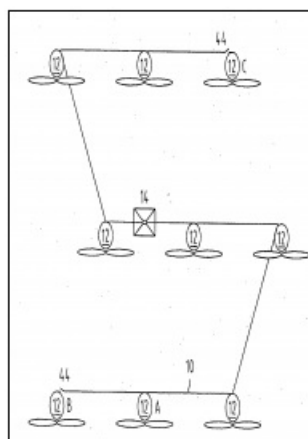
Title:
OFFSHORE WIND PARK

Abstract:
Source: US2006163880A The present invention relates to wind farms, so called, comprising at least two wind turbines, and in particular to offshore wind farms. In order to provide a wind farm in which **transport** between separate wind turbines can be effected more safely and with less dependence on weather, at least one cable connection is provided between at least two of the wind turbines of a wind farm, and a vessel is disposed on said cable connection. ...

Probable Assignee:
WOBBNE ALOYS

Assignee(s):(std):
ALOYS WOBGEN ; WOBGEN ALOYS

Assignee(s):
WOBBNE ALOYS



2 more images available

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AR038693 AA	20050126	LSPB	+	published / reissued	
AR038693 AA	20070126	LSGT	+FG	GRANT, REGISTRATION	
AT333048 E	20060815	LSGT	+	granted / extensions (spc, cpc, pte)	
AT333048 E	20080515	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AU2003210246 AA	20030904	LSPB	+	published / reissued	
AU2003210246 AA	20060511	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2003210246 BB	20060112	LSGT	+	granted / extensions (spc, cpc, pte)	
BRPI0307312 A	20050111	LSPB	+	published / reissued	
BRPI0307312 A	20110503	LSGT	B09A	DECISION: INTENTION TO GRANT	
BRPI0307312 B1	20120417	LSGT	+	granted / extensions (spc, cpc, pte)	
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BRPI0307312 B1	20120417	LSGT	+B16A	PATENT OR CERTIFICATE OF ADDITION OF INVENTION GRANTED	DESCRIPTION : PRAZO DE VALIDADE: 20 (VINTE) ANOS CONTADOS A PARTIR DE 12/02/2003, OBSERVADAS AS CONDICÖES LEGAIS.

CA2473779 AA	20040716	LSPB	+	published / reissued	
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CA2473779 AA	20040716	LSES	+EEER	EXAMINATION REQUEST	
CA2473779 C	20090707	LSGT	+	granted / extensions (spc, cpc, pte)	
CN100507264 C	20090701	LSGT	+	granted / extensions (spc, cpc, pte)	
CN1633558 A	20050629	LSPB	+	published / reissued	
CN1633558 A	20050629	LSPB	+C06	PUBLICATION	
CN1633558 A	20090701	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
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DE10206495 A1	20030904	LSES	+OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW	
DE10206495 A1	20050908	LSRV	-8131	REJECTION	
DE50304221 D1	20070802	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DK1478851 T3	20061113	LSGT	+	granted / extensions (spc, cpc, pte)	
EP1478851 A1	20041124	LSPB	+	published / reissued	
EP1478851 A1	20041215	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20040916
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EP1478851 A1	20060714	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP1478851 A1	20060823	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : FG4D TEXT : LANGUAGE OF EP DOCUMENT: GERMAN
EP1478851 A1	20061101	LSRE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GR REF LEGAL EVENT CODE : EP REF DOCUMENT NUMBER : 20060403216 COUNTRY OF REF DOCUMENT : GR
EP1478851 A1	20070228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : CH NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20070228
EP1478851 A1	20070228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LI NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20070228
EP1478851 A1	20070228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : MC NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20070228
EP1478851 A1	20070301	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FG2A REF DOCUMENT NUMBER : 2266831 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : T3 DESIGNATED STATE(S) :
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EP1478851 A1	20071015	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP1478851 A1	20080630	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : AT NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20070212
EP1478851 A1	20090831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : LU NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20070212
EP1478851 A1	20090930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : HU NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20070113
EP1478851 A1	20111230	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	COUNTRY OF REF DOCUMENT : IT NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20110212
EP1478851 A1	20130131	LSRE	+PGRI	POSTGRANT: PATENT REINSTATED IN CONTRACTING STATE	COUNTRY OF REF DOCUMENT : IT REINSTATED DATE : 20121207
EP1478851 A1	20160222	LSFE	REG	REFERENCE TO A NATIONAL CODE	COUNTRY OF REF DOCUMENT : FR REF COUNTRY CODE : FR REF LEGAL EVENT CODE : PLFP YEAR OF FEE PAYMENT : 14
EP1478851 A1	20160429	LSFE	+PGFP	POSTGRANT:	COUNTRY OF REF DOCUMENT :

				ANNUAL FEES PAID TO NATIONAL OFFICE	IT PAYMENT DATE : 20160222 YEAR OF FEE PAYMENT : 14
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EP1478851 A1	20160429	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : EE PAYMENT DATE : 20160222 YEAR OF FEE PAYMENT : 14
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EP1478851 A1	20160429	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : IE PAYMENT DATE : 20160218 YEAR OF FEE PAYMENT : 14
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EP1478851 A1	20160531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : PT PAYMENT DATE : 20160205 YEAR OF FEE PAYMENT : 14
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EP1478851 A1	20170220	LSFE	REG	REFERENCE TO A NATIONAL CODE	COUNTRY OF REF DOCUMENT : FR REF COUNTRY CODE : FR REF LEGAL EVENT CODE : PLFP YEAR OF FEE PAYMENT : 15

EP1478851 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : SE PAYMENT DATE : 20170221 YEAR OF FEE PAYMENT : 15
EP1478851 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : FR PAYMENT DATE : 20170220 YEAR OF FEE PAYMENT : 15
EP1478851 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : GR PAYMENT DATE : 20170217 YEAR OF FEE PAYMENT : 15
EP1478851 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : DE PAYMENT DATE : 20170303 YEAR OF FEE PAYMENT : 15
EP1478851 A1	20170428	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : FI PAYMENT DATE : 20170217 YEAR OF FEE PAYMENT : 15
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EP1478851 A1	20170531	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : BG PAYMENT DATE : 20170217 YEAR OF FEE PAYMENT : 15
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EP1478851 A1	20170630	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : TR PAYMENT DATE : 20170202 YEAR OF FEE PAYMENT : 15
EP1478851 A1	20170630	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	COUNTRY OF REF DOCUMENT : IT PAYMENT DATE : 20170217 YEAR OF FEE PAYMENT : 15
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ES2266831 T3	20070301	LSGT	+	granted / extensions (spc, cpc, pte)	

HK1074237 A1	20091204	LSGT	+	granted / extensions (spc, cpc, pte)	
HK1074237 A3	20051104	LSPB	+	published / reissued	
IN00985KN2004 A	20060331	LSPB	+	published / reissued	
IN215523 B	20080229	LSGT	+	granted / extensions (spc, cpc, pte)	
JP2005521823 T2	20050721	LSPB	+	published / reissued	
JP4091549 B2	20080528	LSGT	+	granted / extensions (spc, cpc, pte)	
JP4091549 B2	20070620	LSES	-A131	NOTIFICATION OF REASONS FOR REFUSAL	TEXT : JAPANESE INTERMEDIATE CODE: A131 EFFECTIVE DATE : 20070619
JP4091549 B2	20071220	LSRE	A521	WRITTEN AMENDMENT	TEXT : JAPANESE INTERMEDIATE CODE: A523 EFFECTIVE DATE : 20071219
JP4091549 B2	20080118	LSGT	+TRDD	DECISION OF GRANT OR REJECTION WRITTEN	
JP4091549 B2	20080130	LSGT	+A01	WRITTEN DECISION TO GRANT A PATENT OR TO GRANT A REGISTRATION (UTILITY MODEL)	TEXT : JAPANESE INTERMEDIATE CODE: A01 EFFECTIVE DATE : 20080129
JP4091549 B2	20080306	LSFE	+A61	FIRST PAYMENT OF ANNUAL FEES (DURING GRANT PROCEDURE)	TEXT : JAPANESE INTERMEDIATE CODE: A61 EFFECTIVE DATE : 20080228
JP4091549 B2	20080307	LSGT	+R150	CERTIFICATE OF PATENT OR REGISTRATION OF UTILITY MODEL	TEXT : JAPANESE INTERMEDIATE CODE: R150
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JP4091549 B2	20130312	LSFE	+FPAY	RENEWAL FEE PAYMENT (EVENT DATE IS RENEWAL DATE OF DATABASE)	YEAR OF FEE PAYMENT : 6
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JP4091549 B2	20150310	LSFE	+R250	RECEIPT OF ANNUAL FEES	TEXT : JAPANESE INTERMEDIATE CODE: R250
JP4091549 B2	20160301	LSFE	+R250	RECEIPT OF ANNUAL FEES	TEXT : JAPANESE INTERMEDIATE CODE: R250
JP4091549 B2	20170307	LSFE	+R250	RECEIPT OF ANNUAL FEES	TEXT : JAPANESE INTERMEDIATE CODE: R250
KR100671741 B1	20070119	LSGT	+	granted / extensions (spc, cpc, pte)	
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KR100671741 B1	20060524	LSES	-E902	NOTIFICATION OF REASON FOR REFUSAL	
KR100671741 B1	20061222	LSGT	+E701	DECISION TO GRANT OR REGISTRATION OF	

KR100671741 B1	20070115	LSGT	+GRNT	PATENT RIGHT WRITTEN DECISION TO GRANT	
KR100671741 B1	20130104	LSFE	FPAY	ANNUAL FEE PAYMENT	PAYMENT DATE : 20130104 YEAR OF FEE PAYMENT : 7
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KR100671741 B1	20150109	LSFE	FPAY	ANNUAL FEE PAYMENT	PAYMENT DATE : 20150112 YEAR OF FEE PAYMENT : 9
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KR100671741 B1	20170106	LSFE	FPAY	ANNUAL FEE PAYMENT	PAYMENT DATE : 20170106 YEAR OF FEE PAYMENT : 11
KR20040085180 A	20041007	LSPB	+	published / reissued	
PL208227 B1	20110429	LSGT	+	granted / extensions (spc, cpc, pte)	
PL370262 A1	20050516	LSPB	+	published / reissued	
PT1478851 T	20061031	LSGT	+	granted / extensions (spc, cpc, pte)	
US2006163880 AA	20060727	LSPB	+	published / reissued	
US2006163880 AA	20071015	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	
WO03069155 A1	20030821	LSPB	+	published / reissued	
WO03069155 A1	20040714	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2003210246 COUNTRY OF REF DOCUMENT : AU
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WO03069155 A1	20040915	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 2003739475 COUNTRY OF REF DOCUMENT : EP
WO03069155 A1	20041124	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2003739475 COUNTRY OF REF DOCUMENT : EP
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WO03069155 A1	20050518	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2006163880 COUNTRY OF REF DOCUMENT : US KIND CODE OF REF DOCUMENT : A1
WO03069155 A1	20050518	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 10504546 COUNTRY OF REF DOCUMENT : US
WO03069155 A1	20060428	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2003210246 COUNTRY OF REF DOCUMENT : AU

WO03069155 A1	20060712	LSGT	+WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 2003739475 COUNTRY OF REF DOCUMENT : EP
WO03069155 A1	20060727	LSPB	+WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE	REF DOCUMENT NUMBER : 10504546 COUNTRY OF REF DOCUMENT : US

Title:

RECUPERATIVE **CABLEWAY**
SYSTEM WITH FUEL CELLS

Abstract:

Source: US2013241315A The recuperative **cableway** system with fuel cells (10) serves for transportation of the load using a skyline (1), mainly for skidding, which uses gravity of the carriage (18) and load (19) to run an electric **generator** (8) with the help of a winding device (3) and a clutch (5), and voltage from electric **generator** (8) helps electrolysis of water in fuel cells (10), where oxygen and hydrogen are produced, and consequently they synthesize in fuel cells (10) into water when pulling an empty carriage up the hill, and at the same time, voltage is produced, and it is transmitted ...

Probable Assignee:

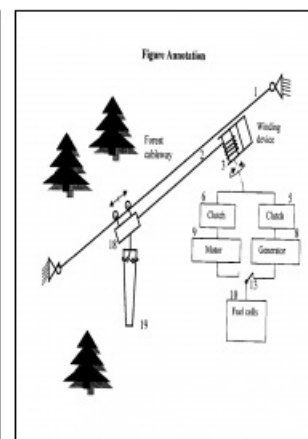
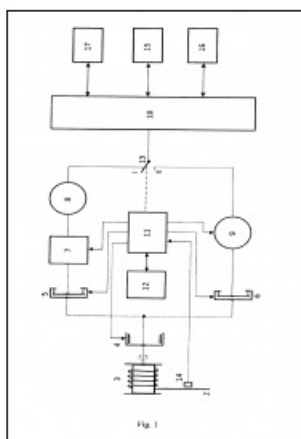
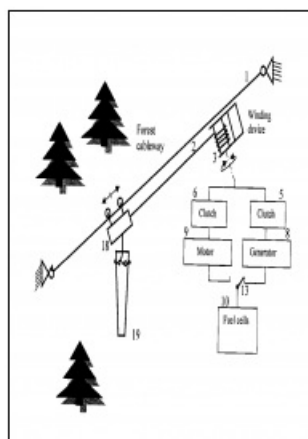
SCARON MAL PETER

Assignee(s):(std):

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SUCHOMEL ; STOLLMANN
VLADIMIR ; SMAL PETER

Assignee(s):

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Vladimír

**Legal status (INPADOC)**

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Patent	Date recorded	Event group	Code	Event	Details
AT512828 A2	20131115	LSPB	+	published / reissued	
CZ20130465 A3	20131127	LSPB	+	published / reissued	
CZ27533 U1	20141210	LSGT	+	granted / extensions (spc, cpc, pte)	
CZ27533 U1	20160622	LSLE	-MK1K	Lapse of utility model due to expiry	EFFECTIVE DATE : 20151128
DE112011103952 T5	20140213	LSPB	+	published / reissued	
DE112011103952 T5	20170601	LSDW	-R119	APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE	
DE212011100176 U1	20131114	LSGT	+	granted / extensions (spc, cpc, pte)	
DE212011100176 U1	20131114	LSGT	R207	UTILITY MODEL SPECIFICATION	EFFECTIVE DATE : 20131114
DE212011100176 U1	20150602	LSLE	-R156	LAPSE OF IP RIGHT AFTER 3 YEARS	
NO20130885 A	20130626	LSPB	+	published / reissued	
NO20130885 A	20150622	LSRV	-FC2A	WITHDRAWAL, REJECTION OR DISMISSAL OF LAID OPEN PATENT APPLICATION	
NO20130885 A	20170626	LSRV	-FC2A	WITHDRAWAL, REJECTION OR DISMISSAL OF LAID OPEN PATENT APPLICATION	
RU2013130656 A	20150620	LSPB	+	published / reissued	
RU2013130656 A	20160320	LSWD	-FA92	ACKNOWLEDGEMENT OF APPLICATION WITHDRAWN (LACK OF SUPPLEMENTARY MATERIALS SUBMITTED)	EFFECTIVE DATE : 20160301
SK201050053 A5	20120604	LSPB	+	published / reissued	
SK288179 B6	20140402	LSGT	+	granted / extensions (spc, cpc,	

pte)					
SK288179 B6	20140603	LSLI	QA4A	LICENCE OFFER FOR PATENT	EFFECTIVE DATE : 20140416
SK288179 B6	20160401	LSLI	QA4A	LICENCE OFFER FOR PATENT	EFFECTIVE DATE : 20160317
US2013241315 AA	20130919	LSPB	+	published / reissued	
US9490657 BB	20161108	LSGT	+	granted / extensions (spc, cpc, pte)	
US9490657 BB	20161019	LSGT	PAT1	Patented Case	
WO12074494 A1	20120607	LSPB	+	published / reissued	
WO12074494 A1	20130523	LSNP	+WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE	REF DOCUMENT NUMBER : 13989239 COUNTRY OF REF DOCUMENT : US
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WO12074494 A1	20130701	LSNP	ENP	ENTRY INTO THE NATIONAL PHASE IN:	REF DOCUMENT NUMBER : 2013130656 COUNTRY OF REF DOCUMENT : RU KIND CODE OF REF DOCUMENT : A
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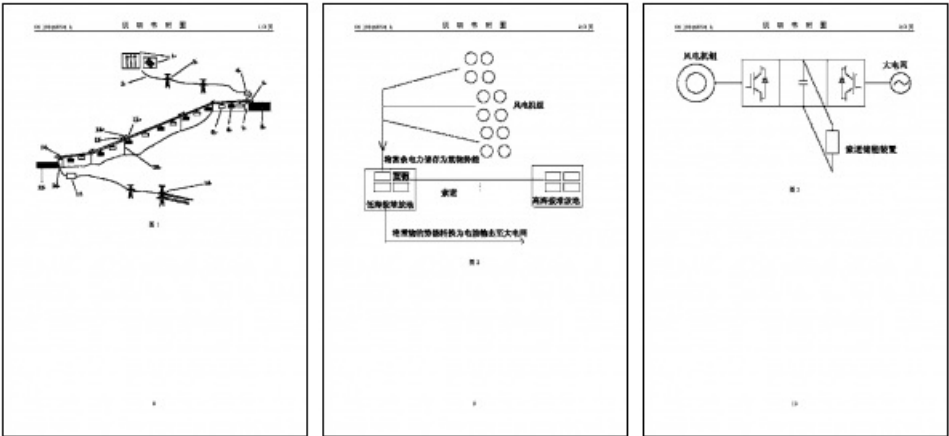
Title:
WIND POWER ADJUSTMENT
DEVICE STORING ENERGY BY
MEANS OF **CABLEWAY
TRANSPORT**

Abstract:
Source: CN103448734A The invention provides a wind power adjustment device storing energy by means of **cableway transport**. The device comprises a weight transfer unit, a high altitude weight treatment device, a low altitude weight treatment device, a drive device, a power **generator**, and a low voltage passage **control** unit, wherein the high altitude weight treatment device and the low altitude weight treatment device are arranged at two ends of the weight transfer unit, the drive device connected to the weight transfer unit is used for driving the weight transfer unit to operate, the power ...

Probable Assignee:
STATE GRID CORP CHINA

Assignee(s):(std):
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INST ; CHINA ELECTRIC
POWER RESEARCH INST ;
STATE GRID CORP CHINA ;
STATE GRID CORP OF CHINA

Assignee(s):
STATE GRID OF CHINA CORP



Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CN103448734 A	20131218	LSPB	+	published / reissued	
CN103448734 A	20131218	LSPB	+C06	PUBLICATION	
CN103448734 A	20140409	LSRE	C53	CORRECTION OF PATENT FOR INVENTION OR PATENT APPLICATION	
CN103448734 A	20160921	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	
CN103448734 B	20160921	LSGT	+	granted / extensions (spc, cpc, pte)	
CN203410452 U	20140129	LSGT	+	granted / extensions (spc, cpc, pte)	
CN203410452 U	20140129	LSGT	+C14	GRANT OF PATENT OR UTILITY MODEL	

Title:
DRIVE SYSTEM FOR A TWIN
SUSPENSION HAULAGE CABLE
GONDOLA LIFT

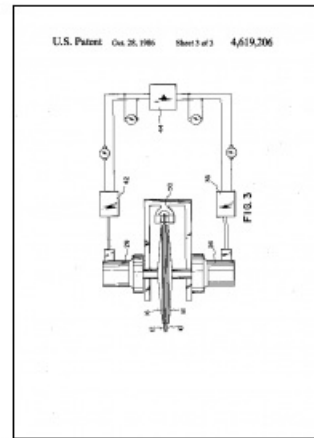
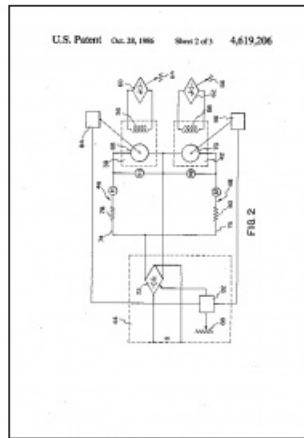
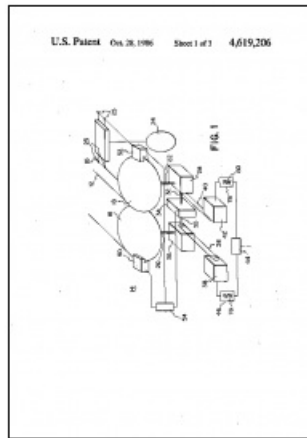
Abstract:

Source: US4619206A The present invention relates to a gondola lift having two parallel suspension haulage cables between which the gondolas hang. The two cable loops extend between two stations and each cable is driven by a direct current electrical motor, the two motors being identical and having separate excitation circuits. The armature windings are connected to the same power supply source by two armature circuits including identical resistors which provide an armature voltage drop and a reduction in speed for restoring identical power outputs of the two motors when one of the cables is ...

Probable Assignee:
CREISSELS DENIS

Assignee(s):(std):
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KURESERU

Assignee(s):
DENIS CREISSELS SA ; DENIS
CREISSELS S A ; DONI
KURESERU ; CREISSELS DENIS
MEYLAN FR



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Patent	Date recorded	Event group	Code	Event	Details
AT33595 E	19880515	LSGT	+	granted / extensions (spc, cpc, pte)	
AT33595 E	19920215	LSPB	+UEP	PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION	
AT33595 E	20000615	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
AT49544 E	19900215	LSGT	+	granted / extensions (spc, cpc, pte)	
AT49544 E	19900615	LSPB	+UEP	PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION	
AT49544 E	20000615	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
DE3470500 D1	19890420	LSOP	-8363	OPPOSITION AGAINST THE PATENT	
DE3470500 D1	19910814	LSOP	+8366	RESTRICTED MAINTAINED AFTER OPPOSITION PROCEEDINGS	
DE3470500 D1	19991111	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
DE3481045 D1	19910207	LSGT	+8364	NO OPPOSITION DURING TERM OF OPPOSITION	
DE3481045 D1	19991111	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
EP0140756 A1	19850508	LSPB	+	published / reissued	
EP0140756 A1	19850904	LSAS	RAP1	TRANSFER OF RIGHTS OF AN EP PUBLISHED APPLICATION	OWNER NAME : CREISSELS, DENIS
EP0140756 A1	19860212	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19850827
EP0140756 A1	19860917	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19860731

EP0140756 A1	19890315	LSOP	-26	OPPOSITION FILED	OPPONENT NAME : POMAGALSKI S.A. EFFECTIVE DATE : 19890113
EP0140756 A1	19910612	LSRE	27A	MAINTAINED AS AMENDED	EFFECTIVE DATE : 19910612
EP0140756 A1	19910715	LSRE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : AEN
EP0140756 A1	19970918	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : SE PAYMENT DATE : 19970918 YEAR OF FEE PAYMENT : 14
EP0140756 A1	19971010	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 19971010 YEAR OF FEE PAYMENT : 14
EP0140756 A1	19980914	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 19980914 YEAR OF FEE PAYMENT : 15
EP0140756 A1	19980927	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : SE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 19980927
EP0140756 A1	19981009	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 19981009 YEAR OF FEE PAYMENT : 15
EP0140756 A1	19990531	LSLE	-EUG	SE: EUROPEAN PATENT HAS LAPSED	REF DOCUMENT NUMBER : 84401920.8 FORMAT OF REF DOCUMENT (F/P) : F
EP0140756 A1	19990701	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 19990701
EP0140756 A1	19990926	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : AT DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 19990926
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EP0140756 A1	20000515	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT

EP0140756 B1	19880420	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0140756 B2	19910612	LSGT	+	granted / extensions (spc, cpc, pte)	
EP0226838 A2	19870701	LSPB	+	published / reissued	
EP0226838 A2	19880406	LSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19880205
EP0226838 A2	19890607	LSES	+17Q	FIRST EXAMINATION REPORT	EFFECTIVE DATE : 19890425
EP0226838 A2	19901227	LSGT	+26N	NO OPPOSITION FILED	
EP0226838 A2	19970918	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : SE PAYMENT DATE : 19970918 YEAR OF FEE PAYMENT : 14
EP0226838 A2	19971010	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : DE PAYMENT DATE : 19971010 YEAR OF FEE PAYMENT : 14
EP0226838 A2	19980914	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 19980914 YEAR OF FEE PAYMENT : 15
EP0226838 A2	19980927	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : SE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 19980927
EP0226838 A2	19981009	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 19981009 YEAR OF FEE PAYMENT : 15
EP0226838 A2	19990531	LSLE	-EUG	SE: EUROPEAN PATENT HAS LAPSED	REF DOCUMENT NUMBER : 86116258.4 FORMAT OF REF DOCUMENT (F/P) : F
EP0226838 A2	19990701	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : DE DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 19990701
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EP0226838 A2	19990930	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : LI DESCRIPTION : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES EFFECTIVE DATE : 19990930

EP0226838 A2	20000515	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP0226838 B1	19900117	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2552726 A1	19850405	LSPB	+	published / reissued	
FR2552726 B1	19851129	LSGT	+	granted / extensions (spc, cpc, pte)	
JP1754214 C3	19930423	LSGT	+	granted / extensions (spc, cpc, pte)	
JP4041112 B4	19920707	LSPB	+	published / reissued	
JP60157955 A2	19850819	LSPB	+	published / reissued	
US4619206 A	19861028	LSGT	+	granted / extensions (spc, cpc, pte)	
US4619206 A	19860827	LSGT	PAT1	Patented Case	
US4619206 A	19900420	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
US4619206 A	19940411	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 8
US4619206 A	19980415	LSFE	+FPAY	FEE PAYMENT	YEAR OF FEE PAYMENT : 12

Title:

Aerial **cableway** having a return sheave with a speed stabilization device

Abstract:

Source: US4401034A The subject of this invention is an aerial **cableway** having a towing cable which is continually driven by a drive motor located in one station. In another station, the cable passes over a return sheave which is mechanically coupled to an electric speed stabilization device which drives or brakes the rotation of the return sheave so as to maintain a speed set value corresponding to the motor drive speed. ...

Probable Assignee:

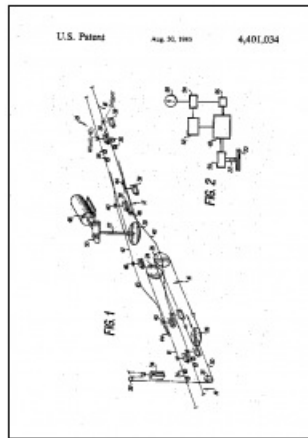
COMILOG

Assignee(s):(std):

COMILOG ; OGOQUE CIE
MINIERE COMILOG

Assignee(s):

MINIERE DE L OGOQUE COMP ;
CIE MINIERE DE L OGOQUE
COMILOG ; COMPAGNIE
MINIERE DE L OGOQUE ;
COMPAGNIE MINIERE DE L
OGOQUE COMILOG ; MINIERE
DE L OGOQUE COMILOG COMP

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Patent	Date recorded	Event group	Code	Event	Details
AT2944 E	19830415	LSGT	+	granted / extensions (spc, cpc, pte)	
AT2944 E	19830815	LSPB	+UEP	PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION	
AT2944 E	19901115	LSLE	-REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE	
BR8001130 A	19801104	LSPB	+	published / reissued	
DE3062571 D1	19910214	LSLE	-8339	CEASED/NON-PAYMENT OF THE ANNUAL FEE	
EP0015211 A1	19800903	LSPB	+	published / reissued	
EP0015211 A1	19810617	LSSE	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 19810224
EP0015211 A1	19890209	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : AT PAYMENT DATE : 19890209 YEAR OF FEE PAYMENT : 10
EP0015211 A1	19890221	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : CH PAYMENT DATE : 19890221 YEAR OF FEE PAYMENT : 10
EP0015211 A1	19890228	LSFE	+PGFP	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	REF COUNTRY CODE : GB PAYMENT DATE :

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EP0015211 A1	19900221	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : AT EFFECTIVE DATE : 19900221
EP0015211 A1	19900228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO	REF COUNTRY CODE : CH EFFECTIVE DATE : 19900228
EP0015211 A1	19901017	LSLE	-GBPC	GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE	
EP0015211 A1	19901031	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
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EP0015211 B1	19830406	LSGT	+	granted / extensions (spc, cpc, pte)	
FR2450187 A1	19800926	LSPB	+	published / reissued	
FR2450187 A1	19901228	LSLE	-ST	NOTIFICATION OF LAPSE	
FR2450187 B1	19820917	LSGT	+	granted / extensions (spc, cpc, pte)	
JP55140645 A2	19801104	LSPB	+	published / reissued	
US4401034 A	19830830	LSGT	+	granted / extensions (spc, cpc, pte)	
US4401034 A	19830830	LSGT	PAT1	Patented Case	
YU50680 A	19831231	LSPB	+	published / reissued	