

Diego Gonzalez

Search history

Search 1: brak* and motor and stop* and frequency and IC=(B66B) (Results 0)

Search 2: brake and motor and frequency and IC=(B66B) (Results 0)

Search 3: brake and motor and frequency and IC=(B66B) (Results 260)

Search 4: brake and motor and frequency and control* and IC=(B66B) (Results 237)

Search 5: brake and motor and frequency and control* and deceleration and IC=(B66B) (Results 38)

Search 6: brake and motor and frequency and control* and deceleration and (speed* or velocity) and IC=(B66B) (Results 33)

Search 7: brake and motor and frequency and control* and deceleration and (speed* or velocity) and (emergency or security) and IC=(B66B) (Results 11)

Title: POWERED **CONTROLLED** ACCELERATION SUSPENSION WORK PLATFORM HOIST SYSTEM

Abstract: Source: US2007102242A A powered **controlled** acceleration suspension work platform hoist system for raising and lowering a work platform at a predetermined acceleration. The system incorporates several hoists attached to the work platform and in electrical communication with the **motor control** system. The **motor control** system is attached to the work platform and is in electrical communication with a constant **frequency** input power source and the hoist **motors**. The **motor control** system **controls** the acceleration of the work platform as it is raised and lowered by **controlling** the hoist **motors**. The **controlled** acceleration hoist system also includes a platform **control** system attached to the work platform that is in electrical communication with the **motor control** system and the hoist **motors**. Acceleration **control** is achieved by converting the constant **frequency** input power to a variable **frequency** power supply. This may be accomplished through the use of a variable **frequency** drive(s).

Classifications:

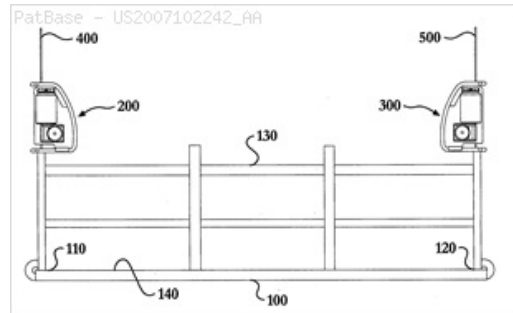
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International (IPC 1-7): E04G3/28

CPC: H02P27/06 E04G3/32 E04G2003/286 B66D1/46 B66D1/605 B66D1/7489

European: B66D1/60B E04G3/32

US: 182/142 182/144 182/148 182/19 187/224 187/293 187/296 187/298 187/391 248/329 294/1.1 318/767 361/601 361/679.01 361/688 361/688P 361/697 361/704 60/324 62/129 62/236



Family:

Publication number	Publication date	Application number	Application date
AU2006312312 AA	20070518	AU20060312312	20060518
AU2006312312 BB	20110120	AU20060312312	20060518
AU2011200634 AA	20110310	AU20110200634	20110215
AU2011200634 BB	20111006	AU20110200634	20110215
AU2011329365 AA	20120524	AU20110329365	20111102
AU2011329365 BB	20170302	AU20110329365	20111102
CN101316975 A	20081203	CN200680044777	20060518
CN101316975 B	20110216	CN200680044777	20060518
CN101994388 A	20110330	CN201010286484	20060518
CN101994388 B	20120118	CN201010286484	20060518
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CN105347148 A	20160224	CN201510631780	20111102
DE602006043514 D1	20141211	DE200660043514T	20060518
DK1943398 T3	20150209	DK20060770574T	20060518
EP1943398 A2	20080716	EP20060770574	20060518
EP1943398 A4	20130612	EP20060770574	20060518
EP1943398 B1	20141029	EP20060770574	20060518
EP1943398 B8	20150128	EP20060770574	20060518
EP2640659 A1	20130925	EP20110841215	20111102
ES2527744 T3	20150129	ES20060770574T	20060518
IN02842DN2011 A	20120323	IN2011DN02842	20110418
IN04104DN2013 A	20141121	IN2013DN04104	20130508
IN04725DN2008 A	20080815	IN2008DN04725	20080602
IN268099 B	20150821	IN2008DN04725	20080602
US2007102242 AA	20070510	US20050267629	20051104
US2008174955 AA	20080724	US20080017271	20080121
US2010038186 AA	20100218	US20090582445	20091020
US2011278100 AA	20111117	US20100946398	20101115
US2012138392 AA	20120607	US20110150608	20110601
US2013161129 AA	20130627	US20130771405	20130220
US2013292204 AA	20131107	US20120717882	20121218
US2014253011 AA	20140911	US20140284818	20140522
US2015144424 AA	20150528	US20150611477	20150202
US7631730 BB	20091215	US20050267629	20051104
US7760497 BB	20100720	US20080017271	20080121
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US8944217 BB	20150203	US20110150608	20110601
US9647596 BB	20170509	US20140284818	20140522
WO07055733 A2	20070518	WO2006US19266	20060518
WO07055733 A3	20071206	WO2006US19266	20060518
WO12067820 A1	20120524	WO2011US58927	20111102

Priority:

AU20060312312	20060518	AU20110200634	20110215	US20080017271	20080121
US20050267629	20051104	EP20060770574	20060518	CN201180055039	20111102
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US20140284818	20140522	US20150611477	20150202	WO2011US58927	20111102

Probable Assignee: SKY CLIMBER LLC

Assignee(s): (std): ANASIS GEORGE ; ANASIS GEORGE M ; BONANNO JAMES ; DE SMEDT JEAN FRANCOIS ; DE SMEDT JOAN FRANCOIS ; DESMEDT JEAN FRANCOIS ; SKY CLIMBER LLC ; EDDY ROBERT ; INGRAM GARY E ; EDDY ROBERT E ; HUSQVARNA AB ; LI HUI ; INGRAM GARY

Assignee(s): SKY CLIMBER LLC DELAWARE ; SKY CLIBER LLC

Inventor(s): (std): ANASIS GEORGE M ; DE SMEDT JEAN FRANCOIS ; DE SMEDT JOAN FRANCOIS ; DESMEDT JEAN FRANCOIS ; ANASIS GEORGE ; EDDY ROBERT ; EDDY ROBERT E ; INGRAM GARY ; INGRAM GARY E ; LI HUI ; ROBERT EDDY ; GEORGE ANASIS ; BONANNO JAMES ; JEAN FRANCOIS DESMEDT

Inventor(s): INGRAM GARY E DELAWARE ; GARY E INGRAM ; EDDY ROBERT DELAWARE ; ANASIS GEORGE DELAWARE ; DESMEDT JEAN FRANCOIS DELAWARE

Agent(s): FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS; FISHER ADAMS KELLY; MOTSCH AND SEITZ; CLARK JANE ANNE; DONNE EDDY; TOMAS TESIFONTE ENRIQUE; GALLAGHER AND DAWSEY CO LPA; MICHAEL J; DAVID J; DAWSEY DAVID ET AL

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 LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: TRANSPORTATION SYSTEM WITH MALFUNCTION MONITOR

Abstract: Source: US3961688A A transportation system such as an elevator utilizes a static power converter to directly energize a D.C. drive motor and another static power converter to directly energize a friction type braking element and automatically selects a mode of operation best suited for safe operation from a plurality of modes including a normal operation, a reduced speed operation, an emergency landing operation and an emergency operation in response to certain sensed malfunctions within the system including a decrease in the source voltage to a predetermined magnitude, an increase in the armature current of the D.C. motor to a predetermined magnitude, a decrease in the field current of the D.C. motor below a predetermined magnitude, an increase of an error signal as sensed by an error detector to a predetermined magnitude, a malfunctioning of the error detector, an increase in the velocity of the vehicle as sensed by a velocity detector exceeding certain predetermined magnitudes, the malfunctioning of the velocity detector, a decrease in the source current to a predetermined magnitude, a loss of a phase of source energy as sensed by a phase detector, a failure of a rectifying element within the phase detector, an improper sequential order of the source alternating phases, a predetermined temperature within a gated rectifying circuit, an improper electrical connection by a circuit connector, and the movement of the vehicle to a first position adjacent to a landing at which a stop is being made and a subsequent movement to second position. The system responds to a sensed malfunction by providing a plurality of redundant sequences and fail-safe circuits in selecting the mode best suited for safe operation.

Classifications:

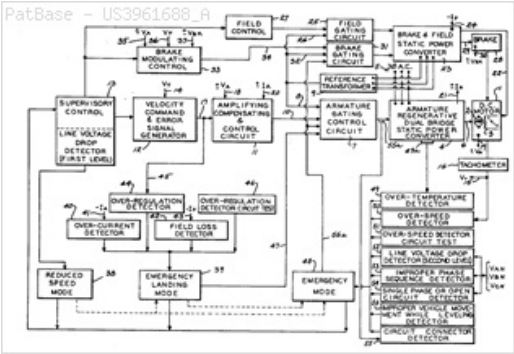
International (IPC 8-9): B66B5/02 (Advanced/Invention); B66B5/02 (Core/Invention)

International (IPC 1-7): B66B5/02

CPC: B66B1/306 B66B5/0006 B66B5/0018 B66B5/02

European: B66B5/02

US: 187/289 187/29R 187/391 187/393



Family:

Publication number	Publication date	Application number	Application date
CA1040764 A1	19781017	CA19750224503	19750414
US3961688 A	19760608	US19740465271	19740429

Priority:

US19740465271 19740429

Probable Assignee: ARMOR ELEVATOR CO INC

Assignee(s): (std): ARMOR ELEVATOR CANADA LTD ; ARMOR ELEVATOR CO INC

Assignee(s): ARMOR ELEVATOR CO INC A CORP OF DE ; ARMOR ELEVATOR CO INC A CORP OF KY ; ARMOR ELEVATOR COMPANY ; ARTHUR H BERNDTSON ; MAYNARD JOHN T ; ARMOR ELEVATOR CO ; ARMOR ELEVATOR CANADA ARMOR ASCENSEUR CANADA LIMITEE LTD ; ARMOR ELEVATOR CANADA LIMITED ARMOR ASCENSEUR CANADA LIMITEE

Inventor(s): (std): MAYNARD JOHN T

Title: ALTERNATING CURRENT **MOTOR CONTROL** SYSTEM WITH **EMERGENCY CONTROL** RESPONSIVE TO FAILURE OF POWER SUPPLY

Abstract: Source: US5070290A PCT No. PCT/JP88/00479 Sec. 371 Date Mar. 13, 1989 Sec. 102(e) Date Mar. 13, 1989 PCT Filed May 20, 1988 PCT Pub. No. WO88/09584 PCT Pub. Date Dec. 1, 1988.A **control** system for an alternating current **motor**, such as an elevator hoisting induction **motor**, in response to failure of power supply, such as service interruption, phase open and so forth, performs in a first **emergency control** mode and in a second **emergency control** mode. In the first **emergency control** mode operation, dynamic braking is used to **decelerate** the **motor**. On the other hand, in the second **emergency control** mode, triggered while the **motor** is driven in regeneration mode to recirculate regenerated power to **decelerate** the **motor**, a mechanical **brake** is applied. During second **emergency control** mode operation, power supply condition is monitored to detect failure of the power supply for switching **control** mode from the second **emergency control** mode to the first **emergency control** mode. Switching from the second **emergency control** mode to the first **emergency control** mode assures synchronous operation of an inverter and the **motor** after resumption of power supply to the **motor** in cases where the power failure is short in duration.

Classifications:

International (IPC 8-9): B66B1/28 B66B5/02 H02P23/06 H02P27/06 H02P3/26 (Advanced/Invention);

B66B1/28 (Advanced/Non-invention);

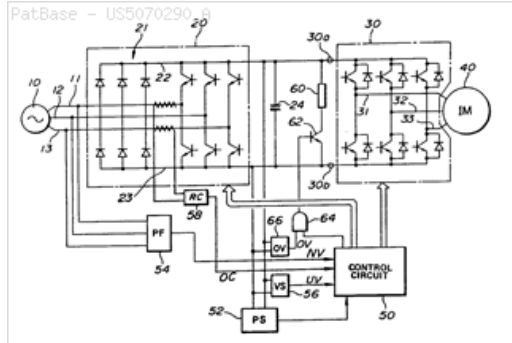
B66B1/28 B66B5/02 H02P23/06 H02P3/18 (Core/Invention)

International (IPC 1-7): B66B1/28 B66B5/02 H02P3/26 H02P7/63

CPC: B66B5/02 H02P23/06

European: B66B5/02 H02P23/06

US: 187/109 187/288 318/758



Family:

Publication number	Publication date	Application number	Application date
AU198817832 A1	19881221	AU19880017832	19880520
AU602094 B2	19900927	AU19880017832	19880520
BRPI8807060 A	19891031	BR1988PI07060	19880520
DE3882902 D1	19930909	DE19883882902	19880520
DE3882902 T2	19931118	DE19883882902T	19880520
EP0314812 A1	19890510	EP19880904616	19880520
EP0314812 B1	19930804	EP19880904616	19880520
FI100148 B	19970930	FI19890000242	19890117
FI890242 A	19890117	FI19890000242	19890117
FI890242 A0	19890117	FI19890000242	19890117
JP1963457 C3	19950825	JP19870124959	19870520
JP6097875 B4	19941130	JP19870124959	19870520
JP63290197 A2	19881128	JP19870124959	19870520
US5070290 A	19911203	US19890314356	19890313
WO8809584 A1	19881201	WO1988JP00479	19880520

Priority:

JP19870124959 19870520 WO1988JP00479 19880520

Probable Assignee: OTIS ELEVATOR JAPAN

Assignee(s): (std): MEIDENSHA ELECTRIC MFG CO LTD ; OTIS ELEVATOR CO ; OTIS ELEVATOR JAPAN

Assignee(s): OTIS ELEVATOR CO FARMINGTON CONN US ; OTIS ELEVATOR COMPANY ; NIPPON OCHISU ELEVATOR KK

Inventor(s): (std): IWASA MASAO ; IWASA MASO ; MORI MASAYUKI

Inventor(s): MORI MASAYUKI TSUSHIMA SHI AICHI KEN 496 JP ; IWASA MASO CHIBA SHI CHIBA KEN 281 JP ; MASAO IWASA ; MASAYUKI MORI ; MASO IWASA

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD

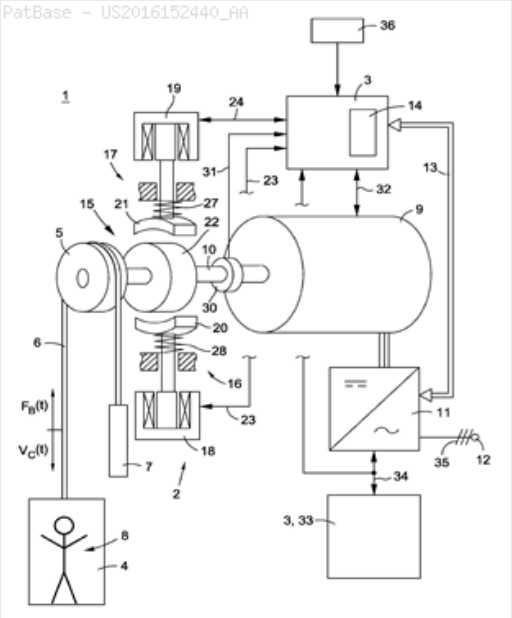
Designated states: AU BR CH DE FI FR GB KR LI US

Title: BRAKING METHOD AND CONTROL FOR PASSENGER TRANSPORTATION SYSTEM

Abstract: Source: US2016152440A A braking method for a passenger transportation system, which system is embodied as an elevator, escalator, or moving walk, is initiated upon the occurrence of a technical problem in the passenger transportation system. An activation signal activates a service brake of the passenger transportation system and an emergency stop is initiated. In addition to the activation of the service brake, the activation signal is immediately fed to a brake control of the passenger transportation system, so that, upon the occurrence of the activation signal, the brake control switches a drive machine of the passenger transportation system into a motor-brake operating mode. The drive machine is only switched by the brake control into a braking-torque-free state when a braking effect of the service brake on moving components of the passenger transportation system is detected and transmitted to the brake control.

Classifications:

International (IPC 8-9): B66B1/30 B66B1/32 B66B25/00 B66B29/00 B66B5/02 B66B5/16 (Advanced/Invention); B66B (Subclass/Invention)
CPC: B66B1/32 B66B25/006 B66B5/02 B66B29/00 B66B5/16 B66B1/30
US: 1/1 187/288 198/323



Family:

Publication number	Publication date	Application number	Application date
CN105283404 A	20160127	CN201480033436	20140528
CO7560435 A2	20160331	CO20150290858	20151207
EP3008007 A1	20160420	EP20140726634	20140528
EP3008007 B1	20170329	EP20140726634	20140528
ES2622383 T3	20170706	ES20140726634T	20140528
HK1214578 A1	20160729	HK20160102343	20160301
ID201704552 A	20170505	ID2016P0000096	20140528
IN07546CN2015 A	20160805	IN2015CN07546	20151209
US2016152440 AA	20160602	US20140897684	20140528
US9469504 BB	20161018	US20140897684	20140528
WO14198545 A1	20141218	WO2014EP61098	20140528

Priority:

EP20130171795 20130613 EP20140726634 20140528 WO2014EP61098 20140528

Probable Assignee: INVENTIO AG

Assignee(s): (std): INVENTIO AG

Inventor(s): (std): HOPP ROMAN

Inventor(s): ROMAN HOPP

Agent(s): MARGARITA CASTELLANOS ABONDANO; UNGRIA JAVIER; DORA AM BADAR SPSI; WILLIAM J; FRASER CLEMENS MARTIN AND MILLER LLC

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

Title: ELEVATOR GROUP SUPERVISORY **CONTROL** SYSTEM

Abstract: Source: US3561571A The disclosure relates to an elevator group supervisory **control** system in which bits of information, as to registered demands for service, position of the cars, and the degree of availability of the cars relative to the number of calls for service each is capable of answering without undue delay, are successively and repetitively scanned to **control** the respective movement of the cars.

Classifications:

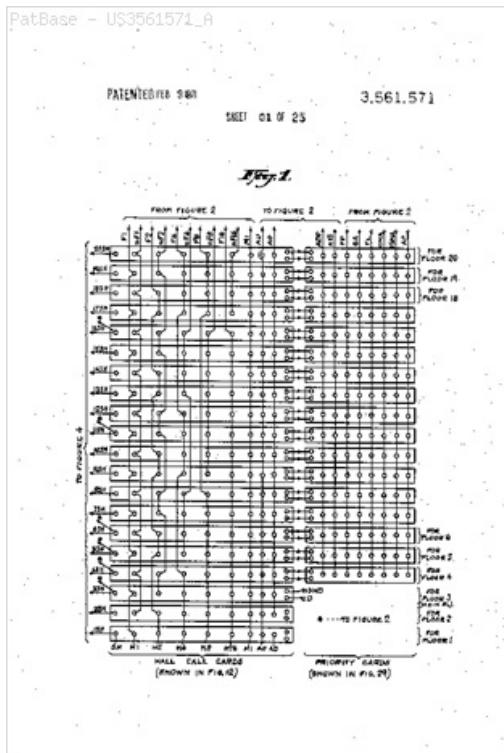
International (IPC 8-9): B66B1/16 B66B1/20 B66B1/24 B66B1/34 (Advanced/Invention)

International (IPC 1-7): A61K31/33 B66B1/18 B66B1/20

CPC: B66B1/3484 B66B1/2458 B66B2201/102 B66B2201/211 B66B2201/222 B66B2201/226 B66B2201/231 B66B2201/241 B66B2201/243 B66B2201/303 B66B2201/403

European: B66B1/16D B66B1/24B6 B66B1/34D2 B66B20/00 L66B201/102 L66B201/211 L66B201/222 L66B201/226 L66B201/231 L66B201/241 L66B201/243 L66B201/303 L66B201/403

US: 187/29 187/387



Family:

Publication number	Publication date	Application number	Application date
GB1172521 A	19691203	GB19650047065	19651105
US3561571 A	19710209	US19660592186	19661104

Priority:

GB19650047065 19651105

Probable Assignee: DELAWARE CAPITAL FORMATION INC

Assignee(s): (std): DOVER CORP ; DOVER CORP CANADA LTD

Assignee(s): DELAWARE CAPITAL FORMATION INC ; DOVER CANADA CORP LTD

Inventor(s): (std): GINGRICH JOHN A ; GINGRICH JOHN ALVIN

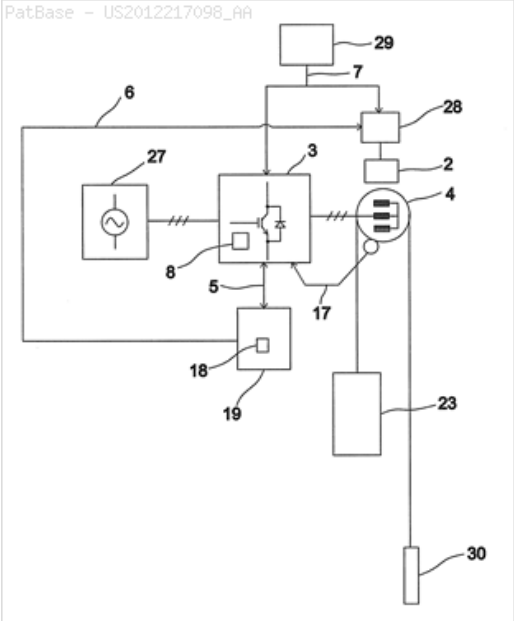
Inventor(s): JOHN A GINGRICH ; JOHN ALVIN GINGRICH

Title: BRAKING APPARATUS, ELECTRIC DRIVE, AND ELEVATOR SYSTEM

Abstract: Source: US2012217098A The invention relates to a braking apparatus, an electric drive and an elevator system. The braking apparatus comprises an apparatus for dynamic braking, for braking an electric machine with dynamic braking, an input for the **control** signal of the braking apparatus, and also a **controller**, for **controlling** the apparatus for dynamic braking as a response to the aforementioned **control** signal of the braking apparatus.

Classifications:

International (IPC 8-9): B60L7/24 B66B1/28 B66B1/30 B66B1/32 B66B5/02 H02P3/00 (Advanced/Invention); B66B (Subclass/Invention)
CPC: B66B1/30 B66B1/32 B66B5/02
European: B66B1/32 B66B5/02
US: 187/293 318/371 318/372 318/375 318/375S 318/376



Family:

Publication number	Publication date	Application number	Application date
CN102712442 A	20121003	CN201080060287	20101101
CN102712442 B	20140910	CN201080060287	20101101
EP2496507 A1	20120912	EP20100826181	20101101
EP2496507 A4	20160113	EP20100826181	20101101
FI121882 B	20110531	FI20090006131	20091102
FI20096131 A0	20091102	FI20090006131	20091102
HK1176595 A1	20150731	HK20130103900	20130328
US2012217098 AA	20120830	US20120462341	20120502
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WO11051571 A1	20110505	WO2010FI50867	20101101

Priority:

FI20090006131 20091102 WO2010FI50867 20101101

Probable Assignee: KONE CORP

Assignee(s): (std): KALLIONIEMI ANTTI ; KOMULAINEN RISTO ; KONE CORP ; MERILINNA PAAVO ; NIKANDER JUHA MATTI ; PUTKINEN ESA

Inventor(s): (std): ANTTI KALLIONIEMI ; ESA PUTKINEN ; JUHA MATTI NIKANDER ; KALLIONIEMI ANTTI ; KOMULAINEN RISTO ; MERILINNA PAAVO ; NIKANDER JUHA MATTI ; NIKANDER JUHAMATTI ; PAAVO MERILINNA ; PUTKINEN ESA ; RISTO KOMULAINEN

Agent(s): GRAF GLUECK HABERSACK KRITZENBERGER; HARNESS DICKEY AND PIERCE PLC; KONE PATENT DEPARTMENT CORP

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 LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM 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: ELEVATOR INSTALLATION WITH A CAR, A DEFLECTING ROLLER FOR AN ELEVATOR INSTALLATION, AND A METHOD OF ARRANGING A LOAD SENSOR IN AN ELEVATOR CAR

Abstract: Source: US2008271954A An elevator installation and a method for arranging a load sensor in the elevator installation includes a car, a support device for supporting the car, the load sensor and a deflecting roller unit. The deflecting roller unit is arranged at the car and has at least two deflecting rollers which are rotatable about a common axle. The load sensor is arranged on the common axle between the two deflecting rollers.

Classifications:

International (IPC 8-9): B31D1/00 B66B1/00 B66B1/14 B66B1/24 B66B1/32 B66B1/34 B66B1/36 B66B11/00 B66B11/04 B66B11/08 B66B15/04 B66B3/00 B66B5/00 B66B5/02 B66B5/14 B66B5/16 B66B7/04 B66B7/06 B66B7/08 B66B7/12 D07B1/00 D07B1/02 D07B1/06 D07B1/16 D07B1/22 D07B5/00 F16G5/00 F16G9/00 F16G9/04 F16H55/36 G01G3/16 (Advanced/Invention); B66B1/14 B66B1/24 B66B7/06 D07B1/06 D07B1/16 D07B1/22 (Advanced/Non-invention);

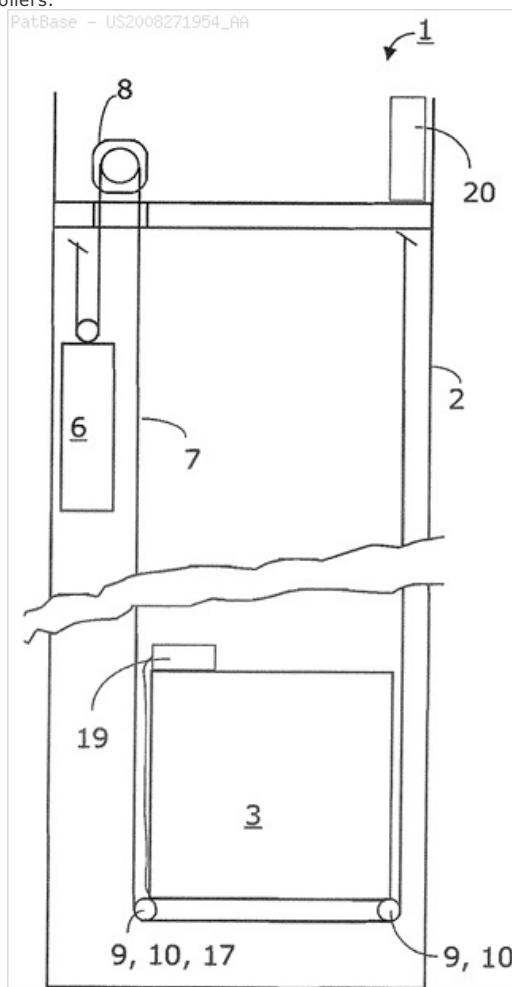
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International (IPC 1-7): B66B13/00 B66B7/08

CPC: B66B5/18 B66B5/027 B66B1/3476 B66B11/02 B66B7/085 B66B7/08 B66B7/1223 B66B7/123 B66B7/1261 B66B11/008 D07B2201/1012 D07B2201/2024 D07B2201/204 D07B2201/2047 D07B2201/2078 D07B2201/2088 D07B2401/2075 D07B2501/403 B66B7/1215 B66B11/08 B66B11/0045 B66B11/0095 B66B11/0438 D07B1/08 D07B1/145 D07B5/10 D07B2201/104 D07B2201/2017 D07B2201/2018 D07B2201/2073 D07B2201/2093 D07B2201/2094 F16G5/06 B66B7/062 D07B1/22 D07B2501/2007 B66B15/04 D07B1/0673 D07B1/16 D07B1/162 D07B5/005 D07B5/006 D07B2201/1008 D07B2201/2086 D07B2201/2087 D07B2401/2015

European: B66B1/34D B66B11/00C4 B66B11/00R8 B66B11/00R8D B66B11/02 B66B11/04R1 B66B15/04 B66B5/02B B66B5/18 B66B7/06A B66B7/08 B66B7/08B B66B7/12 B66B7/12B2 B66B7/12B2B B66B7/12B2D B66B7/12B2F B66B7/12B4 B66B7/12D2 B66B7/12D4 B66B7/12F2 B66B7/12F4 D07B1/06C D07B1/08 D07B1/14B D07B1/16B D07B1/22 D07B5/00C D07B5/10 N07B1/06C N07B1/14B N07B1/16 N07B1/22 N07B201/10A10 N07B201/10B N07B201/10E N07B201/20B10A N07B201/20B10B N07B201/20B28 N07B201/20B36B N07B201/20C N07B201/20D12 N07B201/20E20 N07B201/20F10B N07B201/20F20 N07B201/20F20A N07B201/20F50A N07B201/20F50B N07B401/20B N07B401/20H12 N07B501/20A N07B501/40A N07B801/90

US: 187/250 187/250S 187/251 187/251S 187/254 187/254S 187/266 187/281 187/288 187/351 187/393 187/393S 187/414 187/414S 474/204 493/393 493/393S



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20100450133	20100211	US20140511443	20141010		

Probable Assignee: INVENTIO AG

Assignee(s): (std): ACH ERNST ; ALLWARDT ANKE ; ATTINGER ADRIAN ; BAUMGARTNER URS ; BEGLE GUNTRAM ; BLOECHLE HANS ; MUFF JOSEPH ; KUETTEL HEINRICH ; FISCHER DANIEL ; INVENTIO AG ; GREMAUD NICOLAS ; GRUNDMANN STEFFEN ; HENNEAU PHILLIPE ; KOCHER HANS ; KREISER ANDRE ; RISCH DAVID ; WEINBERGER KARL ; SCHINDLER GROUP

Assignee(s): INVENTIO HERGISWIL AG ; INVENTSIO AG

Inventor(s): (std): ADRIAN ATTINGER ; ALLWARDT ANKE ; ATTINGER ADRIAN ; BAUMGARTNER URS ; BEGLE GUNTRAM ; BLOECHLE HANS ; BLOECHLE HANS ; GREMAUD NICOLAS ; GRUNDMANN STEFFEN ; GRUNDMANN STEFFEN ; HENNEAU PHILLIPE ; KOCHER HANS ; KREISER ANDRE ; KUETTEL HEINRICH ; KUTTEL HEINRICH ; MUFF JOSEPH ; RISCH DAVID ; ACH ERNST ; DAVID RISCH ; FISCHER DANIEL ; WEINBERGER KARL ; ERNST ACH ; STEFFEN GRUNDMANN ; NICOLAS GREMAUD ; GUNTRAM BEGLE ; FISHER DANIEHL ; DANIEL FISCHER ; KARL WEINBERGER ; HANS KOCHER

Inventor(s): FISHER DANIEHL' ; ACH ERNST 6030 ; STEFFEN GRUNDMANN ; BLOECHLE HANS 6052

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; RICHES MCKENZIE AND HERBERT LLP; GAUSSMANN ANDREAS ET AL; BLOECHLE HANS ET AL; GAUSSMANN ANDREAS; BLOECHLE HANS; HELLEBRANDT MARTIN; CARPINTERO MARIO; AZNAREZ PABLO; FRASER CLEMENS MARTIN AND MILLER LLC; WOLFF AND SAMSON PC; WILLIAM J; FRASER; MARTIN AND MILLER LLC; SHUMAKER LOOP AND KENDRICK; INVENTIO AG

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 LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM 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

Title: LIFE SAVING IMPLEMENT

Abstract: Source: US2007246694A A life saving implement includes a prime **motor** assembly, a winding drum installing in the prime **motor** assembly to wind a wire rope, a braking drum installed on a side of the winding drum to **control** an RPM of the winding drum, a braking unit installed on a lower portion of the braking drum to **control** an RPM of the braking drum, a **speed** reduction unit installed on an upper portion of the braking drum to gradually reduce the RPM of the winding drum until the winding drum stops, and a passenger vehicle moving by the rotations of the winding drum and the braking drum.

Classifications:

International (ipc 8-9): A62B1/00 A62B1/02 A62B1/06 A62B1/10 B66B11/08 (Advanced/Invention); A62B1/00 (Core/Invention)

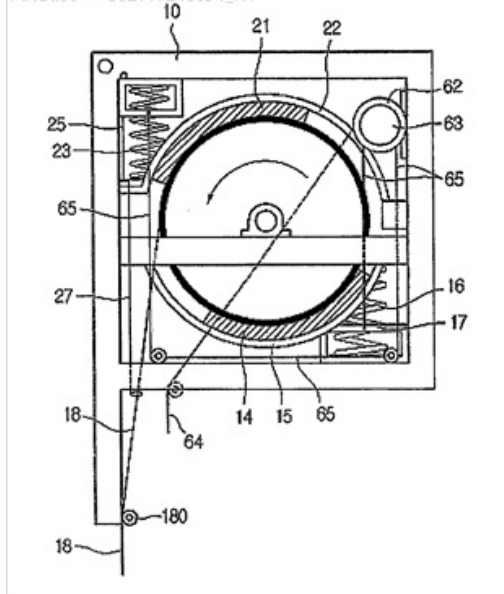
International (ipc 1-7): A62B1/02 A62B1/06

CPC: A62B1/02 A62B1/10 A62B1/06 A62B1/08

European: A62B1/02 A62B1/10

US: 182/236 182/70 182/71 182/73 187/259 187/263 187/264 254/318 254/318P

PatBase - US2007246694_AA

**Family:**

Publication number	Publication date	Application number	Application date
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JP4672017 B2	20110420	JP20070529695T	20050825
KR100476536 B1	20050317	KR20040068186	20040827
RU2007111125 A	20081010	RU20070111125	20050825
RU2342175 C1	20081227	RU20070111125	20050825
US2007246694 AA	20071025	US20050574306	20050825
US8181741 BB	20120522	US20050574306	20050825
WO06022519 A1	20060302	WO2005KR02802	20050825

Priority:

KR20040051816 20040703

KR20040068186 20040827

WO2005KR02802 20050825

Probable Assignee: IMPLEMENT SAVING PRECIOUS LIFE CO LTD

Assignee(s): (std): I S P L CO LTD ; IMPLEMENT SAVING PRECIOUS LIFE ; IMPLEMENT SAVING PRECIOUS LIFE CO LTD ; LEE HYUN DAL ; IMPLIMENT SEHJVING PRESSES LAJ

Assignee(s): IMPLIMENT SEHJVING PRESSES LAJF KO LTD ; IMPLIMENT SEHJVING PRESSES LAJF KO ; IMPLEMENT SAVING PRECIOUS LIFE CO ; I S P L CO

Inventor(s): (std): HYUN DAL LEE ; LEE HYUN DAL ; LI KHIUN DAL

Inventor(s): LI KHIUN-DAL

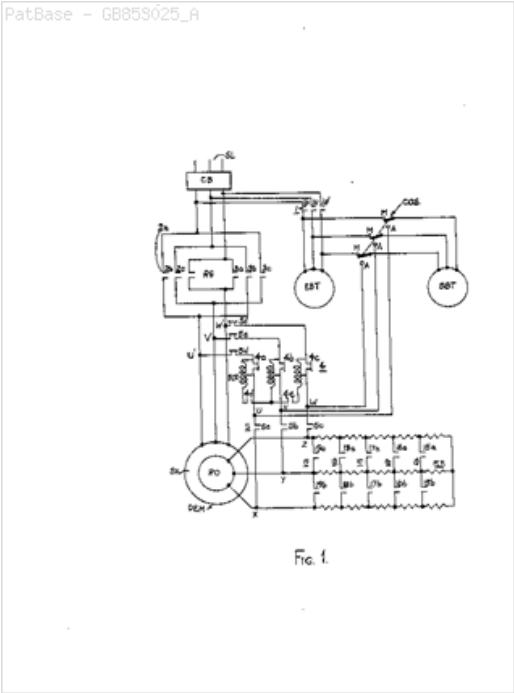
Agent(s): SPRUSON AND FERGUSON; OSTROLENK FABER GERB AND SOFFEN; OSTROLENK FABER LLP

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

Title: Improvements in and relating to the **control** of electric winder drives

Abstract: Source: GB853025A 853,025. **Control** of A.C. **motors**. METROPOLITAN-VICKERS ELECTRICAL CO. Ltd. Sept. 5, 1957 [Sept. 11, 1956], No. 27767/56. Class 38 (3). Automatic operation of a winder **motor** DEM is effected when a change-over switch COS is engaged with contacts A, so that the coil of a **brake**-thruster SBT receives full voltage from the stator circuit of the **motor** and the **brake** is released, provided that contacts 4a-4c, 5f-5d are closed. When a cam-operated limit switch is operated, an auto-transformer SDT is placed in circuit with the thruster coil, thereby gently applying the **brake** to retard the winder **motor** and, at the same time, additional resistance is introduced into the rotor circuit of the **motor**. Thereafter, another limit switch is operated to change the thruster-coil connections from the stator circuit to the rotor circuit, thus providing a steady creeping **speed** since the braking torque is automatically increased if the **motor speed** increases. Eventually, a final limit switch cuts off the supplies to the **motor** and to the thruster, and the winder is stopped in a predetermined position. An **emergency brake** thruster EBT is energized through a safety contactor 1, and, for manual **control**, the coil of the thruster SBT is connected through contacts M to the supply circuit. In another arrangement, the transformer SDT is dispensed with, and the thruster SBT is replaced by two thrusters, the coils of one or both thrusters being energizable either from the stator or rotor circuits of the **motor**, Fig. 2 (not shown). This selection is dependent upon operating conditions as determined by a reverse power relay, which detects whether the **motor** is drawing power from the supply line or is regenerating, and by a load-measuring relay, supplied in accordance with the stator current of the **motor** and effective during both **motoring** and regenerating operations. Thus, when **deceleration** is to begin, a limit switch causes operation of one or both **brakes**, as required by the operation of the reverse-power and load-measuring relays. Later in the operating cycle, another switch of similar kind causes actuation of the second **brake** if it had not been operated in the first instance.

Classifications:
International (IPC 8-9): B66B1/06 (Advanced/Invention);
B66B1/06 (Core/Invention)
International (IPC 1-7): G05D17/02
CPC: B66B1/06
European: B66B1/06



Family:

Publication number	Publication date	Application number	Application date
GB853025 A	19601102	GB19560027767	19560911

Priority:

GB19560027767 19560911

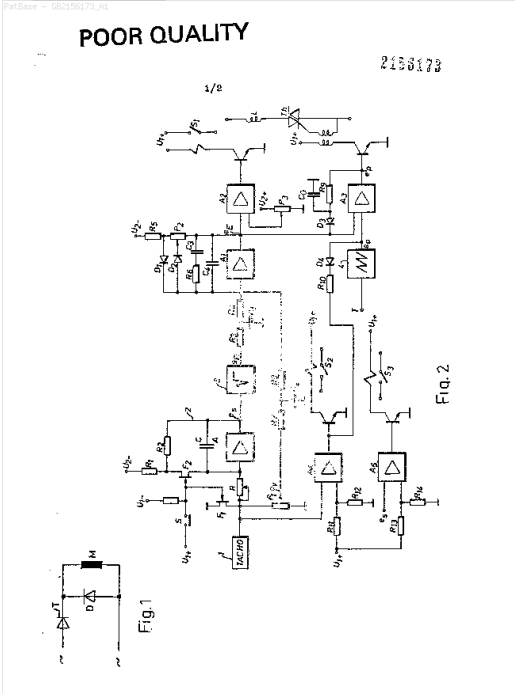
Probable Assignee: VICKERS ELECTRICAL CO LTD
Assignee(s): (std): VICKERS ELECTRICAL CO LTD
Assignee(s): METROPOLITAN VICKERS ELECTRICAL COMPANY LIMITED
Inventor(s): (std): GOODALL JAMES

Title: Procedure and means for braking an escalator

Abstract: Source: GB2156173A The motion of the escalator is **braked** in **controlled** manner substantially independent of load and of direction of movement by supplying direct current to the windings (L) of the a.c. **motor** serving as drive **motor**. There is continuous monitoring and **control** of the **deceleration** event with the aid of a signal (eT) supplied by a **velocity** transducer, such as a tachometer generator (1), in such a manner that the electrodynamic braking effect produced in the **motor** induces in the movement of the escalator a predetermined **deceleration** behaviour.

Classifications:

International (IPC 8-9): B66B25/00 B66B29/00
H02P3/24 (Advanced/Invention);
B66B25/00 B66B29/00 H02P3/18 (Core/Invention)
International (IPC 1-7): B66B1/30 B66B1/32 B66B21/02 B66B25/0
B66B25/00 H02P3/24
CPC: B66B29/00 H02P3/24
European: B66B29/00 H02P3/24



Family:

Publication number	Publication date	Application number	Application date
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ES541368 A1	19860401	ES19850541368	19850318
ES8605440 A1	19860901	ES19850541368	19850318
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FR2561225 A1	19850920	FR19850003929	19850318
GB2156173 A1	19851002	GB19850006649	19850314
GB8506649 A0	19850417	GB19850006649	19850314
JP61062378 A2	19860331	JP19850052566	19850318

Priority:

FI19840001100 19840319

Probable Assignee: KONE OY
Assignee(s): (std) ELEVATOR GMBH ; KONE OY
Inventor(s): (std) FUIRITSUPE YANIN ; JANNIN PHILIPPE
Inventor(s): PHILIPPE JANNIN

