

Diego Gonzalez

Search history

Search elevator and position and inaccuracy (Results 430)

1:

Search STAC=(elevator and position and inaccuracy) (Results 9)

2:

Search STAC=(elevator and position and (inaccuracy or error*)) (Results 774)

3:

Search STAC=(elevator and position and (inaccuracy or error*) and (sensor or detector)) (Results 264)

4:

Search STAC=(elevator and position and (inaccuracy or error*) and (sensor or detector) and step) (Results 48)

5:

Search STAC=(elevator and position and (inaccuracy or error*) and (sensor or detector) and distance) (Results 86)

6:

Search STAC=(elevator and position and (inaccuracy or error*) and (sensor or detector) and distance and time*) (Results 60)

7:

Search [SP]: 1-15. (canceled) 16. a method for determining elevator data based on a position of an elevator car of an elevator system, wherein

8: the elevator car has a door zone sensor and is movably arranged in a hoistway, wherein the elevator car is moved by a drive with a traction sheave via a suspension means connected to the elevator car and can be stopped at a plurality of stopping positions of the hoistway, each stopping position having a door zone marker with a given height, and wherein movement of the elevator car is determined by a control unit connected to the drive and to an encoder at the traction sheave, comprising the steps of: when the elevator car is leaving one of the stopping positions, a travelled distance of the elevator car between the one stopping position and an edge of the door zone marker at the one stopping position is measured by the control unit using the door zone sensor and the encoder an actual position parameter based on the travelled distance and the given height of the door zone marker at the one stopping position is determined by the control unit and the control unit controls the movement of the elevator car in response to the actual position parameter. 17. the method according to claim 16 wherein the actual position parameter is a stopping inaccuracy that is determined by the control unit as an absolute value of a difference between half of the given height and the travelled distance. 18. the method according to claim 17 wherein the stopping inaccuracy is taken into account by the control unit when controlling a next stop of the elevator car. 19. the method according to claim 17 wherein for the one stopping position at least one of a plurality of the travelled distance and a plurality of the stopping inaccuracy over time are stored in a storage connected to the control unit and are used by the control unit to determine a drift or slippage of the elevator car. 20. the method according to claim 19 wherein at least one of the travelled distance and the stopping inaccuracy of the elevator car is determined and stored for each of the plurality of the stopping positions. 21. the method according to claim 19 wherein at least one of the travelled distance and the stopping inaccuracy of the elevator car is determined and stored for each direction of travel of the elevator car. 22. the method according to claim 17 wherein at least one of the travelled distance and the stopping inaccuracy of the elevator car is only determined if a load of the elevator car determined by a load sensor is within a given range. 23. the method according to claim 17 wherein for determining a drifting of the elevator car at least one of the travelled distance and the stopping inaccuracy of the elevator car is only determined if a trip of the elevator car takes place within a given time interval. 24. the method according to claim 17 wherein for determining a slippage of the elevator car at least one of the travelled distance and the stopping inaccuracy of the elevator car is only determined if a trip of the elevator car takes place after a given time interval. 25. an elevator system for performing the method according to claim 16 comprising the elevator car, the door zone, the hoistway, the drive with the traction sheave and the suspension means connected to the elevator car, the plurality of stopping positions of the hoistway, each of the stopping positions having the door zone marker with the given height, and the control unit connected to the drive and to an encoder at the traction sheave. 26. an arrangement for determining elevator data based on a position of an elevator car being movable in a hoistway by a drive, comprising: a door zone sensor on the elevator car a door zone marker with a given height at a stopping position of the elevator car within the hoistway means for measuring movements of the elevator car in the hoistway and a control unit connected to the drive for controlling the movement of the elevator car, the control unit being connected to the means for measuring movements and the door zone sensor for determining a travelled distance of the elevator car between the stopping position and an edge of the door zone marker when the elevator car is leaving the stopping position and for determining a stopping inaccuracy based on the travelled distance and the given height of the door zone marker. 27. the arrangement according to claim 26 wherein the control unit determines the stopping inaccuracy as an absolute value of a difference between half of the given height and the travelled distance. 28. the arrangement according to claim 26 including a storage connected to the control unit for storing the determined stopping inaccuracy. 29. the arrangement according to claim 26 including a load sensor connected to the control unit for measuring a load of the elevator car. 30. the arrangement according to claim 26 wherein the means for measuring movements of the elevator car is a rotary encoder coupled to a traction sheave of the drive. 31. an elevator system including the elevator car, the hoistway, the drive and the arrangement according to claim 26 further comprising at least another stopping position within the hoistway, another door zone marker with the given height at the another stopping position, and wherein the control unit determines another travelled distance between the another stopping position and an edge of the another door zone marker when the elevator car is leaving the another stopping position and determines another stopping inaccuracy based upon the another travelled distance and the given height of the another door zone marker. (Results 0)

Search STAC=(elevator and position and (inaccuracy or error*) and (sensor or detector) and distance and tim* and edge) (Results 14)

9:

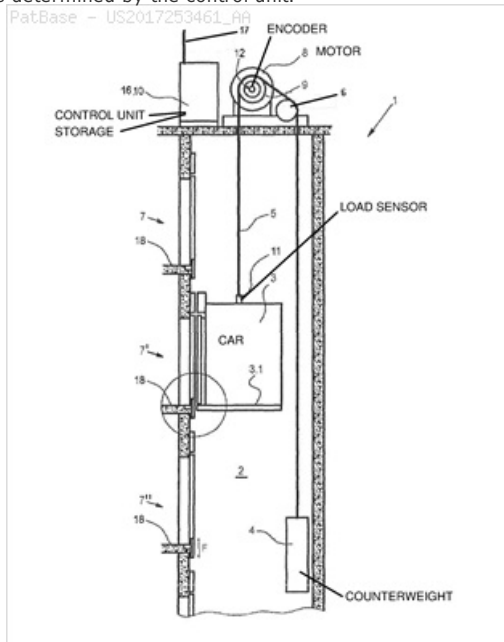
Title: METHOD AND ARRANGEMENT FOR DETERMINING **ELEVATOR** DATA BASED ON THE **POSITION** OF AN **ELEVATOR** CAR

Abstract: Source: US2017253461A [EN] A method and an arrangement for determining **elevator** data based on the **position** of an **elevator** car of an **elevator** system includes the **elevator** car having a flag reading **sensor**, the **elevator** car being movably arranged in a hoistway and can be moved by a drive with a suspension rope over a traction sheave, and the **elevator** car can be stopped at a plurality of stopping **positions** of the hoistway. Each stopping **position** has a flag marker with a flag height. Movement of the **elevator** car is determined by a control unit connected to an encoder at the traction sheave. When leaving a stopping **position**, the travelled **distance** of the **elevator** car between the stopping **position** and a flag **edge** is measured and a stopping **inaccuracy** is determined by the control unit.

Classifications:

International (IPC 8-9): B66B1/28 B66B1/34 B66B1/44 B66B3/02
B66B5/00 B66B9/00 (Advanced/Invention)

CPC: B66B9/00 B66B1/3492 B66B5/0018 B66B1/28 B66B1/44



Family:

Publication number	Publication date	Application number	Application date
CA2956175 AA	20170124	CA20152956175	20150827
CN106573752 A	20170419	CN201580044944	20150827
CO20170002326 A2	20170519	CO20170002326	20170309
EP2990369 A1	20160302	EP20140182871	20140829
EP3186182 A1	20170705	EP20150760423	20150827
US2017253461 AA	20170907	US20150506764	20150827
WO16030487 A1	20160303	WO2015EP69702	20150827

Priority:

EP20140182871 20140829 WO2015EP69702 20150827

Probable Assignee: INVENTIO AG

Assignee(s): (std): INVENTIO AG

Assignee(s): VILLA VALERIO

Inventor(s): (std): VILLA VALERIO

Inventor(s): VALERIO VILLA

Agent(s): RICHES MCKENZIE AND HERBERT LLP; MARGARITA CASTELLANOS ABONDANO

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: Active vibration control system for an **elevator**, which reduces horizontal and rotational forces acting on the car

Abstract: Source: US5294757A [EN] A method and apparatus for actively counteracting a disturbing force acting on a platform moving vertically in a hoistway is disclosed. A manifestation of the disturbing force such as rotational acceleration or translational accelerations indicative thereof is sensed and counteracted, for example, by effectively adding mass to the platform in proportion to the sensed acceleration. The rotations of the platform may be about a vertical axis, one or more horizontal axes or equivalents thereof. Counteraction may but need not be accomplished using an electromagnet actuator for actuating the platform in response to a control signal from a control means which is in turn responsive to the sensed signal. Whatever type of actuator is used, it may be used as well to bring the platform to rest with respect to a hoistway sill prior to transferring passengers. The control means may be analog or digital or a combination of both. A preferred analog-digital approach is disclosed in which the digital part is responsive to accelerometer signals, the analog part is responsive to a force command signal from the digital part and provides a **position** feedback signal in return. In a preferred embodiment, four electromagnet actuators are situated near the bottom of the platform. Each actuator may act along a line which intersects the walls of the car at a forty-five degree angle. A single axis embodiment is also disclosed.

Classifications:

International (ipc 8-9): B66B1/00 B66B1/06 B66B1/24 B66B1/28 B66B1/44 B66B11/02 B66B3/00 B66B7/02 B66B7/04 B66B7/08 (Advanced/Invention);

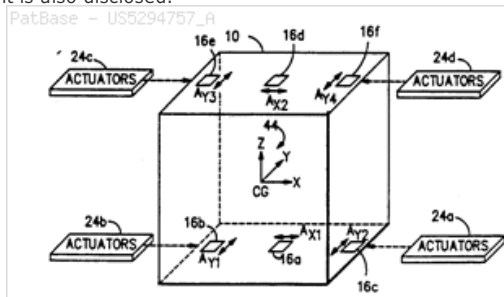
B66B1/00 B66B1/06 B66B1/24 (Advanced/Non-invention); B66B1/00 B66B1/06 B66B1/24 B66B1/28 B66B11/02 B66B3/00 B66B7/02 B66B7/06 (Core/Invention)

International (ipc 1-7): B66B1/00 B66B1/06 B66B1/24 B66B1/28 B66B1/40 B66B1/44 B66B11/02 B66B3/00 B66B5/02 B66B5/16 B66B7/02 B66B7/04 B66B7/08

CPC: B66B7/022 B66B7/046 B66B1/44 B66B7/042 B66B11/0286 B66B19/007

European: B66B1/44 B66B11/02V2F B66B7/02D B66B7/04A1 B66B7/04B

US: 187/115 187/1R 187/298 187/393 187/400 187/401 187/409 187/410 187/414 187/95



Family:

Publication number	Publication date	Application number	Application date
AU199219658 A1	19930121	AU19920019658	19920713
AU199516322 A1	19950615	AU19950016322	19950406
AU656784 B2	19950216	AU19920019658	19920713
AU689211 B2	19980326	AU19950016322	19950406
CA2072240 AA	19930117	CA19922072240	19920624
CA2072240 C	19980505	CA19922072240	19920624
CN1023204 C	19931222	CN19911005289	19910718
CN1060446 A	19920422	CN19911005289	19910718
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DE69127786 T2	19980115	DE19916027786T	19910718
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DE69230071 D1	19991104	DE19926030071	19920715
DE69230071 T2	20000525	DE19926030071T	19920715
EP0467673 A2	19920122	EP19910306517	19910718
EP0467673 A3	19930310	EP19910306517	19910718
EP0467673 B1	19971001	EP19910306517	19910718
EP0523971 A1	19930120	EP19920306467	19920715
EP0523971 B1	19951102	EP19920306467	19920715
EP0641735 A1	19950308	EP19940202719	19920715
EP0641735 B1	19990929	EP19940202719	19920715
HK1004914 A1	19981211	HK19980100575	19980122
HK1006113 A1	20010302	HK19980105370	19980616
HK63896 A	19960419	HK19960000638	19960411
JP2889404 B2	19990510	JP19910203978	19910718
JP3179193 B2	20010625	JP19920188502	19920716
JP5201621 A2	19930810	JP19920188502	19920716
JP6092573 A2	19940405	JP19910203978	19910718
KR0187289 B1	19990415	KR19910012477	19910718
KR100187289 B1	19990415	KR19910012477	19910718
KR100232342 B1	19991201	KR19920012593	19920715
KR100258282 B1	20000515	KR19990019734	19990531
KR19920002454 A	19920228	KR19910012477	19910718
KR19930002219 A	19930222	KR19920012593	19920715
SG92600 A1	20021119	SG19960005678	19910718
SG93783 A1	20030121	SG19960005959	19920715
US5294757 A	19940315	US19910731308	19910716
US5304751 A	19940419	US19930021649	19930216
US5308938 A	19940503	US19900555132	19900718
US5321217 A	19940614	US19910731291	19910716
US5322144 A	19940621	US19930076501	19930611
US5400872 A	19950328	US19930050742	19930420
US5439075 A	19950808	US19940208416	19940309

Priority:

AU19920019658 19920713	CA19922072240 19920624	CA19922072240 19920624
KR19920012593 19920715	EP19920306467 19920715	EP19920306467 19920715
US19900555130 19900718	US19900555131 19900718	US19900555132 19900718
US19930021649 19930216	US19940208416 19940309	US19910731185 19910716
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US19910731308 19910716 US19930050742 19930420 US19900555133 19900718
US19900555135 19900718 US19900555140 19900718

Probable Assignee: OTIS ELEVATOR CO

Assignee(s): (std): OTIS ELEVATOR CO ; BAYER AG

Assignee(s): BAYER CORP ; BAYER CORP PITTSBURGH PA US ; OCHISU EREBEETA CO ; OTIS ELEVATOR CO A
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Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; SHIGA FUJIYA;
HASHIMOTO TAKESHI

Designated states: DE FR GB

Title: METHOD AND SYSTEM FOR MEASURING THE STOPPING ACCURACY OF AN **ELEVATOR** CAR

Abstract: Source: US2007215413A [EN] The invention relates to a condition monitoring method and a corresponding system for measuring the stopping accuracy of an **elevator** car. In the invention, a door zone is defined for each floor, a door zone **detector** is mounted on the **elevator** car, the **elevator** car is moved towards a destination floor, acceleration values of the **elevator** car are measured during its travel towards the destination floor by means of an acceleration **sensor** attached to the **elevator** car and the **distance** of the stopped **elevator** from the **edge** of the door zone is calculated on the basis of the measured acceleration values.

Classifications:

International (IPC 8-9): B66B1/34 B66B1/40

B66B5/00 (Advanced/Invention);

B66B1/34 B66B5/00 (Core/Invention);

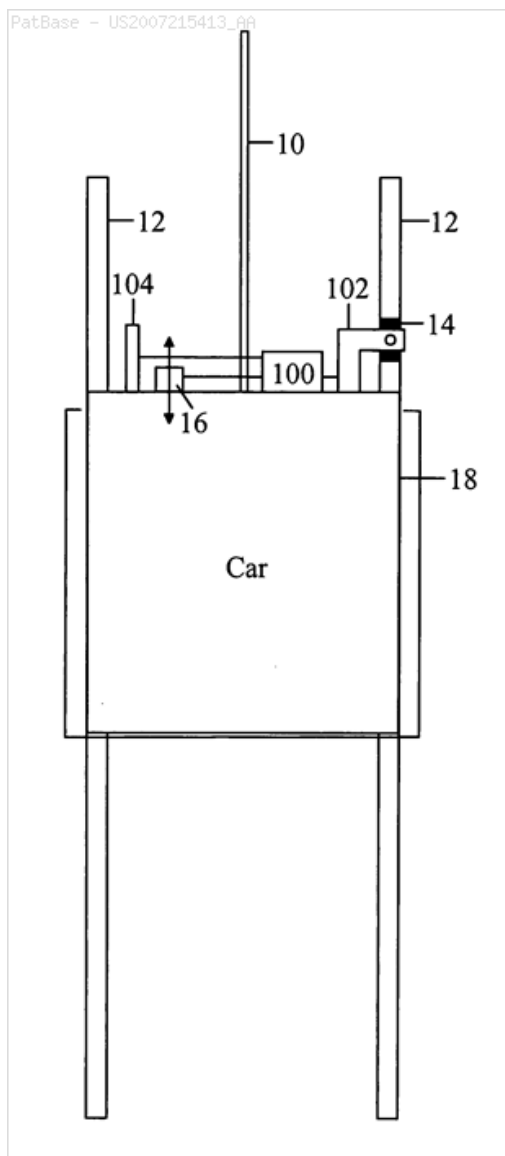
B66B (Subclass/Invention)

International (IPC 1-7): B66B

CPC: B66B1/40

European: B66B1/40

US: 187/293 187/393



Family:

Publication number	Publication date	Application number	Application date
AT407086 E	20080915	AT20050789231T	20050922
CN101023017 A	20070822	CN200580031273	20050922
CN101023017 B	20101208	CN200580031273	20050922
DE602005009565 D1	20081016	DE200560009565T	20050922
EP1802547 A2	20070704	EP20050789231	20050922
EP1802547 B1	20080903	EP20050789231	20050922
ES2310367 T3	20090101	ES20050789231T	20050922
FI118640 B	20080131	FI20040001241	20040927
FI20041241 A	20060328	FI20040001241	20040927
FI20041241 A0	20040927	FI20040001241	20040927
HK1107074 A1	20110826	HK20080100789	20080122
HK1107074 A3	20080328	HK20080100789	20080122
US2007215413 AA	20070920	US20070713677	20070305
US7434666 BB	20081014	US20070713677	20070305
WO06035101 A2	20060406	WO2005FI00401	20050922
WO06035101 A3	20060629	WO2005FI00401	20050922

Priority:

FI20040001241 20040927 US20070713677 20070305 WO2005FI00401 20050922

Probable Assignee: KONE CORP

Assignee(s): (std): KONE CORP ; PERAELAE PEKKA ; TYNII TAPIO

Inventor(s): (std): PEKKA PERAELAE ; PEKKA TYNİ TAPIO PERAELAE ; PERAELAE PEKKA ; PERAELLAE PEKKA ; PERALA
PEKKA ; PERALLA PEKKA ; TAPIO TYNİ ; TYNİ TAPIO

Inventor(s): TYNİ TAPIO PERAELAE PEKKA ; PERAELAE PEKKA

Agent(s): ZIPSE HABERSACK KRITZENBERGER; BIRCH STEWART KOLASCH AND BIRCH; BIRCH STEWART
KOLASCH AND BIRCH LLP

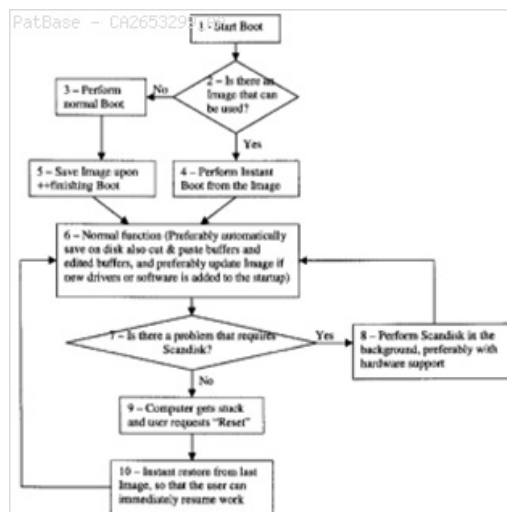
Designated states: BE AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
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NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW

Title: SYSTEM AND METHOD FOR IMPROVING THE EFFICIENCY, COMFORT, AND/OR RELIABILITY IN OPERATING SYSTEMS, SUCH AS FOR EXAMPLE WINDOWS

Abstract: Source: CA2653299A [EN] Although MS Windows (in its various versions) is at present the most popular OS (Operating System) in personal computers, after years of consecutive improvements there are still various issues which need to be improved, which include for example issues of efficiency, comfort, and/or reliability. The present invention tries to solve the above problems in new ways that include considerable improvements over the prior art. Preferably the system allows for example a "Reset" function, which means that preferably an Image of the state of the OS (including all loaded software) is saved immediately after a successful boot on the disk or other non-volatile memory and is preferably automatically updated when new drivers and/or software that change the state after a boot are added, so that if the system gets stuck it can be instantly restarted as if it has been rebooted. Other features include for example solving the problem that the focus can be grabbed while the user is typing something, allowing the user to easily define or increase or decrease the priority of various processes or open windows, a powerful undo feature that can include preferably even any changes to the hard disk, improved undo features in word processing, improved file comparison features, being able for example to track changes retroactively, improved backup features, and many additional improvements. The application covers also improvements that are related for example to Word processing (since for example in Microsoft Windows, Word behaves like an integral part of the system) and things that are related to the user's Internet surfing experience, including for example improved search experience (This is important since for example in Microsoft Windows, Internet Explorer is practically an integral part of the OS). The invention deals also with some preferable improvements in the performance of the hard disk and also with some other smart computerized devices.

Classifications:

International (IPC 8-9): G06F1/24 G06F11/00 G06F12/00 G06F15/00 G06F17/00 G06F17/21 G06F3/048 G06F9/445 (Advanced/Invention); G06F1/24 G06F11/00 G06F12/00 G06F15/00 G06F17/00 G06F17/21 G06F3/048 G06F9/445 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
CA2653299 AA	20090807	CA20092653299	20090209

Priority:

GB20080002261 20080207	GB20080003166 20080221	GB20080003766 20080229
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GB20080023520 20081224		

Probable Assignee:

MAYER YARON

Assignee(s): (std):

MAYER YARON

Inventor(s): (std):

MAYER YARON

Title: System and method for improving the efficiency and reliability of an Operating System

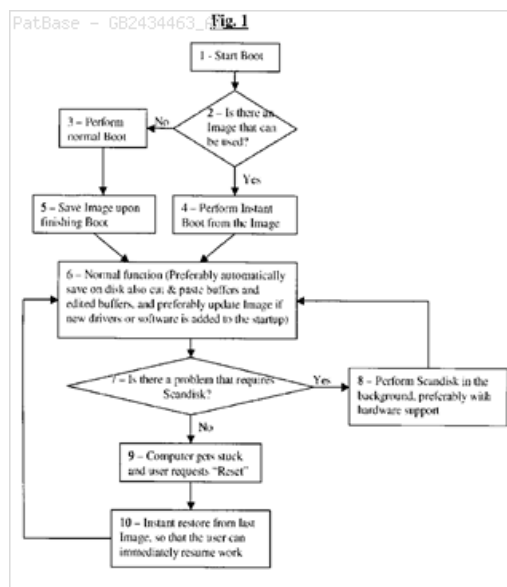
Abstract: Source: GB2434463A [EN] Although MS Windows (in its various versions) is at present the most popular OS (Operating System) in personal computers, after years of consecutive improvements there are still various issues which need to be improved, which include for example issues of efficiency, comfort, and/or reliability. Preferably the system allows for example a "Reset" function, which means that preferably an Image of the state of the OS (including all loaded software) is saved immediately after a successful boot on the disk or other non-volatile memory and is preferably automatically updated when new drivers and/or software that change the state after a boot are added, so that if the system gets stuck or hangs it can be instantly restarted as if it has been rebooted. Other features include for example solving the problem that the focus can be grabbed while the user is typing something, allowing the user to easily define or increase or decrease the priority of various processes or open windows, a powerful undo feature that can include preferably even any changes to the hard disk, improved undo features in word processing, improved file comparison features, being able for example to track changes retroactively, improved backup features, and many additional improvements. The application covers also improvements that are related for example to Word processing (since for example in Microsoft Windows, Word behaves like an integral part of the system) and things that are related to the user's Internet surfing experience (This is important since for example in Microsoft Windows, Internet Explorer is practically an integral part of the OS). The application also presents improvements in hard disk performance and other smart computerized devices.

Classifications:

International (IPC 8-9): G06F9/445 (Advanced/Invention)

CPC: G06F9/4401 G06F9/445

European: G06F9/445 G06F9/44A



Family:

Publication number	Publication date	Application number	Application date
GB200621022 A0	20061129	GB20060021022	20061023
GB2434463 A1	20070725	GB20060021022	20061023

Priority:

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GB20060003399 20060221	GB20060009047 20060509	

Probable Assignee:

MAYER YARON

Assignee(s): (std):

MAYER YARON

Assignee(s):

YARON MAYER

Inventor(s): (std):

MAYER YARON

Inventor(s):

YARON MAYER

Title: SYSTEM AND METHOD FOR IMPROVING THE EFFICIENCY, COMFORT, AND/OR RELIABILITY IN OPERATING SYSTEMS, SUCH AS FOR EXAMPLE WINDOWS

Abstract: Source: CA2614795A [EN] Although MS Windows (in its various versions) is at present the most popular OS (Operating System) in personal computers, after years of consecutive improvements there are still various issues which need to be improved, which include for example issues of efficiency, comfort, and/or reliability. The present invention tries to solve the above problems in new ways that include considerable improvements over the prior art. Preferably the system allows for example a "Reset" function, which means that preferably an Image of the state of the OS (including all loaded software) is saved immediately after a successful boot on the disk or other non-volatile memory and is preferably automatically updated when new drivers and/or software that change the state after a boot are added, so that if the system gets stuck it can be instantly restarted as if it has been rebooted. Other features include for example solving the problem that the focus can be grabbed while the user is typing something, allowing the user to easily define or increase or decrease the priority of various processes or open windows, a powerful undo feature that can include preferably even any changes to the hard disk, improved undo features in word processing, improved file comparison features, being able for example to trackchanges retroactively, improved backup features, and many additional improvements. The application covers also improvements that are related for example to Word processing (since for example in Microsoft Windows, Word behaves like an integral part of the system) and things that are related to the user's Internet surfing experience, including for example improved search experience (This is important since for example in Microsoft Windows, Internet Explorer is practically an integral part of the OS). The invention deals also with some preferable improvements in the performance of the hard disk and also with some other smart computerized devices.

Classifications:

International (IPC 8-9): G06F1/16 G06F1/24 G06F1/32 G06F11/00 G06F12/00 G06F15/00 G06F17/21 G06F17/27 G06F17/30 G06F21/00 G06F3/041 G06F3/048 G06F3/06 G06F3/12 G06F3/16 G06F9/06 G06F9/445 G06Q30/00 G11B19/28 G11B21/10 G11B5/00 H04L12/16 H04L29/02 H04L9/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CA2614795 AA	20080627	CA20072614795	20071227

Priority:

CA20072614795 20071227	GB20060025723 20061227	GB20070000270 20070108
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Probable Assignee:

MAYER YARON

Assignee(s): (std):

MAYER YARON

Inventor(s): (std):

MAYER YARON

Agent(s):

NA

Title: System and method for improving the efficiency, comfort, and/or reliability i operating systems, such as for example windows

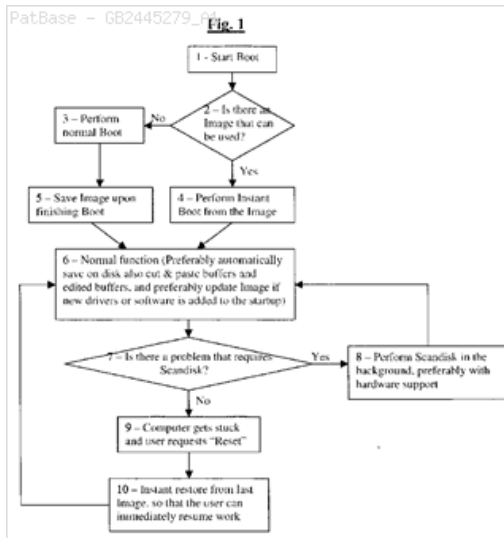
Abstract: Source: GB200725207A [EN] Although MS Windows (in its various versions) is at present the most popular OS (Operating System) in personal computers, after years of consecutive improvements there are still various issues which need to be improved, which include for example issues of efficiency, comfort, and/or reliability. The present invention tries to solve the above problems in new ways that include considerable improvements over the prior art. Preferably the system allows for example a "Reset" function, which means that preferably an Image of the state of the OS (including all loaded software) is saved immediately after a successful boot on the disk or other non-volatile memory and is preferably automatically updated when new drivers and/or software that change the state after a boot are added, so that if the system gets stuck it can be instantly restarted as if it has been rebooted. Other features include for example solving the problem that the focus can be grabbed while the user is typing something, allowing the user to easily define or increase or decrease the priority of various processes or open windows, a powerful undo feature that can include preferably even any changes to the hard disk, improved undo features in word processing, improved file comparison features, being able for example to track changes retroactively, improved backup features, and many additional improvements. The application covers also improvements that are related for example to Word processing (since for example in Microsoft Windows , Word behaves like an integral part of the system) and things that are related to the user's Internet surfing experience, including for example improved search experience (This is important since for example in Microsoft Windows , Internet Explorer is practically an integral part of the OS). The invention deals also with some preferable improvements in the performance of the hard disk and also with some other smart computerized devices.

Classifications:

International (IPC 8-9): G06F21/00 G06F9/445 (Advanced/Invention); G06F21/00 G06F9/445 (Core/Invention)

CPC: G06F9/4418 G06F9/445

European: G06F21/00N3V9 G06F9/445 G06F9/44A6



Family:

Publication number	Publication date	Application number	Application date
GB200725207 A0	20080206	GB20070025207	20071227
GB2445279 A1	20080702	GB20070025207	20071227

Priority:

GB20060025723 20061227	GB20070000270 20070108	GB20070000712 20070115
GB20070003758 20070227	GB20070002162 20070205	GB20070007161 20070414
GB20070014360 20070724	GB20070025123 20071224	GB20070007674 20070420
GB20070016548 20070828	GB20070008698 20070504	GB20070007675 20070420
GB20070009117 20070511		

Probable Assignee:

MAYER YARON

Assignee(s): (std):

MAYER YARON

Assignee(s):

YARON MAYER

Inventor(s): (std):

MAYER YARON

Inventor(s):

YARON MAYER

Title: **TIME**-REVERSAL WIRELESS SYSTEMS HAVING ASYMMETRIC ARCHITECTURE

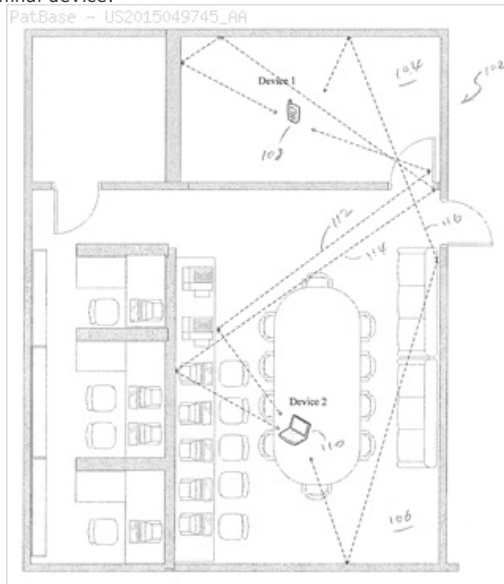
Abstract: Source: US2015049745A [EN] In an asymmetric **time**-reversal wireless system, a base station includes an input circuit configured to, during a hand-shake period, receive a channel response signal derived from a probe signal sent from a first terminal device to the apparatus through multiple wireless propagation paths, and during an uplink transmission period, receive combined signals that include a signal from the first terminal device and a signal from a second terminal device. The base station includes a data processor configured to calculate a signature waveform for the first terminal device based on the channel response, and determine the signal sent from the first terminal device during the uplink transmission period based on the combined signals and the signature waveform for the first terminal device.

Classifications:

International (IPC 8-9): A61B5/0205 A61B5/04 A61B5/08
G01C21/10 G01S3/74 G01S5/00 G01S5/02 G01S5/06 G05B19/00
G06F21/32 G06F7/04 G06K9/00 G06T15/00 G07C9/00 H02J50/23
H04B1/38 H04B17/309 H04B5/00 H04B7/06 H04L1/00 H04L12/26
H04L25/02 H04L25/03 H04L25/497 H04L27/10 H04L27/36 H04L5/00
H04W24/08 H04W36/34 H04W4/00 H04W4/02 H04W64/00
H04W72/00 H04W72/04 H04W72/08 H04W84/12 (Advanced/Invention)

CPC: H04L25/0212 H04L25/0224 H04L25/03891 H04L25/0398
H04L43/12 H04L25/0328 H04L25/03318 H04L2025/03802 H04L1/00
H04L25/03343 H04W72/0446 H04W72/042 H04W72/0413
G01S5/0054 G01S5/0252 H04L25/4975 H04L5/0005 G01S5/06
G01S5/0226 G01S5/0273 H04W52/143 H04W52/247 H04W52/34
H04L5/0057 H04W24/08 H04L25/03012 G07C9/00 G01S3/74
A61B5/024 A61B5/0507 A61B5/0816 A61B5/1113 A61B5/7246
A61B5/7253 H04L5/0048 H04B17/21 H04B17/24 G01C21/165
G01C21/206 G01S5/02 H04W4/04 G06F21/32 A61B5/117
A61B5/7267 G06K9/00369 G06K9/00523 G06K9/00536 H02J50/23
H04B5/0037 H04W72/0473 H04L27/10 H04L1/0002 H04L25/03
H04W4/005 H04W64/003 H04W72/005 H04L25/0204 H04L25/03834
H04W4/80 H04W48/12 H04W64/00 H04W84/12 H04B17/309
H04B1/38 H04W4/70

US: 370/252 370/330 370/337 375/219 455/456.1



Family:

Publication number	Publication date	Application number	Application date
CN106664265 A	20170510	CN201580039126	20150717
EP3033862 A1	20160622	EP20140756197	20140814
EP3195541 A2	20170726	EP20150821676	20150717
EP3195541 A4	20170830	EP20150821676	20150717
JP2017531811 T2	20171026	JP20170523197T	20150717
TW201521479 A	20150601	TW20140128042	20140815
US2015049745 AA	20150219	US20130969271	20130816
US2015049792 AA	20150219	US20130969320	20130816
US2016018508 AA	20160121	US20150605611	20150126
US2016021670 AA	20160121	US20150615984	20150206
US2016205569 AA	20160714	US20140912324	20140814
US2017188359 AA	20170629	US20160384217	20161219
US2017212210 AA	20170727	US20150326112	20150717
US2018026481 AA	20180125	US20170584052	20170502
US9559874 BB	20170131	US20130969320	20130816
US9686054 BB	20170620	US20150615984	20150206
US9882675 BB	20180130	US20130969271	20130816
US9883511 BA	20180130	US20120706342	20121205
US9887864 BA	20180206	US20160268477	20160916
US9900794 BB	20180220	US20140912324	20140814
WO15023895 A1	20150219	WO2014US51148	20140814
WO16011433 A2	20160121	WO2015US41037	20150717
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WO17155634 A1	20170914	WO2017US15909	20170131
WO17156487 A1	20170914	WO2017US21957	20170310
WO17156492 A1	20170914	WO2017US21963	20170310
WO17180698 A1	20171019	WO2017US27131	20170412

Priority:

US20120706342	20121205	US20130969271	20130816	US20130969320	20130816
US20140183648	20140219	US20140069090P	20141027	US20140025795P	20140717
US20140912324	20140814	US20140262153	20140425	US20140202651	20140310
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US20160200430	20160701	US20160200429	20160701	US20150943648	20151117
US20150605611	20150126	US20150615984	20150206	US20160004314	20160122
US20160061059	20160304	US20160268477	20160916	US20160284496	20161003
US20150265155P	20151209	US20160295970P	20160216	US20160316850P	20160401
US20160307081P	20160311	US20160307172P	20160311	US20150326112	20150717
WO2014US51148	20140814	US20160384217	20161219	WO2015US41037	20150717
WO2016US66015	20161209	US20160331278P	20160503	US20160320965P	20160411
US20160409796P	20161018	US20160334110P	20160510	US20160322575P	20160414
US20160383235P	20160902	US20160384060P	20160906	US20160411504P	20161021
US20170584052	20170502				

Probable Assignee: ORIGIN WIRELESS INC

Assignee(s): (std): ORIGIN WIRELESS COMMUNICATIONS INC ; ORIGIN WIRELESS INC ; WIRELESS INC

Inventor(s): (std): AU OSCAR CHI LIM ; BUTTERMORE THOMAS NELSON JR ; CHEN CHEN ; CHEN YAN ; HALL KATHERINE ; HALL KATHERINE L ; HAN YI ; LAI HUNG QUOC ; LAI HUNG QUOC DUC ; LEE JENG FENG ; MARUMO MASATO ; SAFAR ZOLTAN ; WANG BEIBEI ; WU ZHUNG HAN ; XU QINYI ; YANG YU HAN ; ZHANG FENG ; LIU K J RAY ; KU MENG LIN ; HAN FENG ; CHEN CHUN I

Inventor(s): LIU K ; LIU KJ ; LIU KJ RAY

Agent(s): CONROY JOHN; FISH AND RICHARDSON PC; HUANG REX I; XIAO YINGXIN

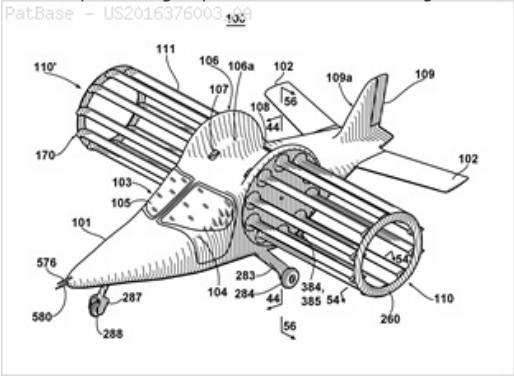
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Title: AIRCRAFT

Abstract: Source: US2016376003A [EN] Conception introduced for performing powered flight of aircraft by performing work against gravity force, using gliding wing as steady support, namely "flying **elevator**" conception, and aircraft developed, based on cyclorotor scheme with elaborated steering solution, continuing in flexible handling and control. Said aircraft correctly and optimally implements said conception after presented detailed modeling, simulation and analyzing, having ability for flight with exceptionally high propulsion efficiency, moderate lift to drag ratio and short takeoff and landing. Additionally, it has ability for recuperative descent and deceleration, utilizing direct driving from high torque electrical engines, which can optionally hybridized with combustion engine, and covers speed range up to limits of subsonic flight.

Classifications:

International (IPC 8-9): B64C13/08 B64C13/14 B64C13/34
B64C27/32 B64C29/00 B64C39/00 B64D43/00 G01P13/02 G05D1/10
G06F17/10 G06F17/50 (Advanced/Invention)
CPC: B64C39/005 B64C29/0008 B64C13/08 B64C13/14 B64C13/34
B64D43/00 G01P13/025 G06F17/5009
US: 244/19 244/234 244/39 416/65 703/2 703/8 73/170.02



Family:

Publication number	Publication date	Application number	Application date
US2016376003 AA	20161229	US20150751180	20150626

Priority:

US20150751180 20150626

Probable Assignee:

FELDMAN YURI

Assignee(s): (std):

FELDMAN YURI

Inventor(s): (std):

FELDMAN YURI

Title: METHOD OF OPERATING A NEUTRONIC REACTOR

Abstract: Source: GB817751A [EN] Uranium oxide containing impurities of high neutron capture cross-section is reacted with nitric acid. The uranyl nitrate solution formed is filtered to remove insoluble impurities and then heated to form uranyl nitrate hexahydrate and boiled to evaporate the water. The residue is dissolved in ether and treated with water, about 0.5 to 5 per cent by volume. By using water already saturated with uranyl nitrate the impurities transfer to the water with little loss of uranium. After repetition of this treatment the unwanted impurities have been removed although the uranyl nitrate is not of high chemical purity. The uranyl nitrate is now recovered by evaporation or by transfer to an aqueous solution and evaporation. The nitrate is calcined to the oxide. Specifications 793,771 and 817,752, [both in Group XL (a)], are referred to. ALSO: Uranium tetrafluoride is mixed with finely divided magnesium and heated in an iron bomb lined with calcium oxide to produce uranium metal. Subsequently uranium for fuel elements is cleaned in trisodium phosphate and washed in water. Specifications 793,771 and 817,752 [both in Group XL(a)] are referred to.

Classifications:

International (IPC 8-9): G21C1/00 G21C1/06 G21C1/12

G21C3/04 (Advanced/Invention);

G21C1/00 G21C3/02 (Core/Invention)

International (IPC 1-7): G21C1/00 G21C1/06 G21C1/12 G21C3/04

CPC: Y10S376/903 Y10S376/908 Y10S376/904 G21C1/06 G21C1/00

G21C1/12 G21C3/04 Y02E30/33

European: G21C1/00 G21C1/06 G21C1/12 G21C3/04 S21C1/12

Y02E30/33

US: 122/1R 165/47 165/78 180/65.4 250/496.1 252/478 376/158

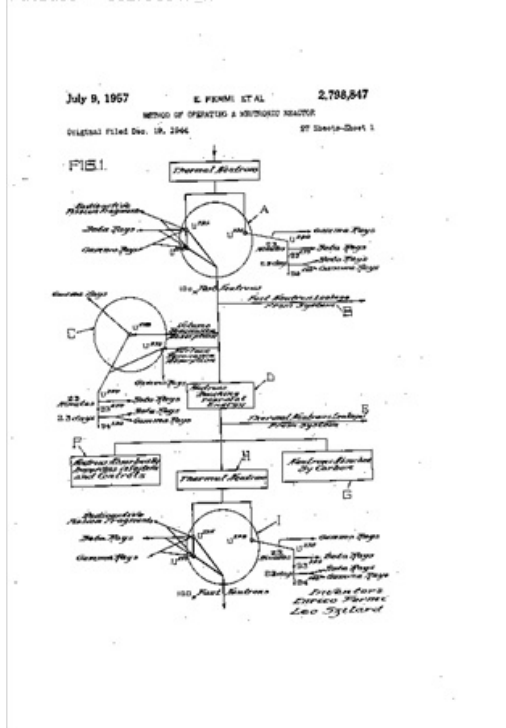
376/171 376/219 376/255 376/264 376/272 376/300 376/327

376/339 376/342 376/347 376/350 376/381 376/401 376/458

376/903 376/904 376/908 976/DIG.17 976/DIG.25 976/DIG.39

976/DIG.5

PatBase - US2798847_R



Family:

Publication number	Publication date	Application number	Application date
GB817751 A	19590806	GB19450002617	19450201
US2708656 A	19550517	US19440568904	19441219
US2798847 A	19570709	US19520323452	19521201

Priority:

US19440568904 19441219 US19520323452 19521201

Probable Assignee: ATOMIC ENERGY AUTHORITY UK

Assignee(s): (std): ATOMIC ENERGY AUTHORITY UK ; ENRICO FERMI ; LEO SZILARD

Assignee(s): UNITED KINGDOM ATOMIC ENERGY AUTHORITY

Inventor(s): (std): ENRICO FERMI ; LEO SZILARD

Inventor(s): SZILARD LEO ; FERMI ENRICO

Title: APPARATUS FOR HARVESTING ENERGY AND OTHER NECESSITIES OF LIFE AT SEA

Abstract: Source: US4993348A [EN] A vessel is provided, adapted for operating at the surface of the ocean, useful for a combination of functions, including providing food, fiber for clothing, living space, fresh water, transportation, and domestic energy for at least one person, as well as excess energy, food, fiber and fresh water for sale. The vessel comprises at least two hulls coupled with streamlined struts, the upper hull vertically aligned with the lower, the lower hull being fully submerged and the upper hull being fully unsubmerged, and both hulls having substantially the same volume. The vessel is stabilized by a combination of passive lift and stabilization surfaces while the vessel is in motion, and laterally mounted stabilization reservoirs for use when the vessel is not moving. The vessel is controlled and stabilized against wave-generated motion by a combination of actively controllable moveable surfaces, and is propelled by a sail and a water propellor. A combination of energy harvesting means is mounted on the vessel, including a sail augmented wind turbine, a water wave turbine, and a combination of concentrating and flat panel solar radiant energy collectors. Means is provided for converting the harvested energy into a storable form (hydrogen and oxygen) for later use or sale. Shelter is provided within the vessel for all daily living activities of an individual or a family. Means is provided for growing land food crops as well as sea food products for support of an individual or a family.

Classifications:

International (IPC 8-9): B63B1/10 B63B35/44 B63H13/00 B63H19/02 B63H21/12 F03B13/18 F03D9/00 (Advanced/Invention); B63B1/00 B63B35/44 B63H13/00 B63H19/00 B63H21/00 F03B13/00 F03D9/00 (Core/Invention)

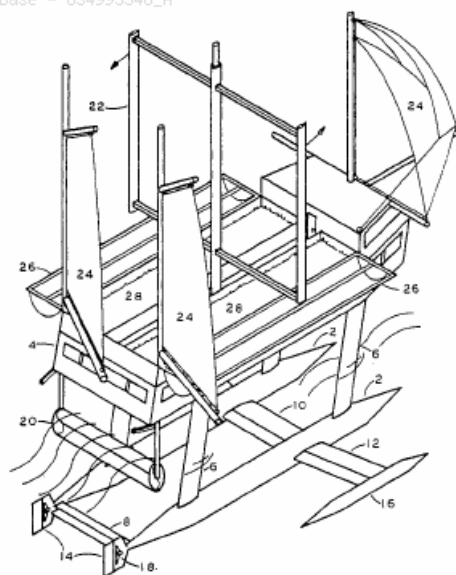
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CPC: F03D9/00 B63B1/107 B63B35/44 B63B39/06 B63B2035/4453 B63B2035/446 B63B2035/4466 B63B2209/18 B63H13/00 B63H19/02 B63H21/12 F03B13/184 F05B2220/61 F05B2220/62 Y02B10/30 Y02B10/70 Y02E10/38 Y02E10/72 Y02E70/10 Y02T70/5209 Y02T70/58 Y02T70/59 Y02T90/46 Y02A20/141 Y02A20/144

European: B63B1/10C B63B35/44 B63H13/00 B63H19/02 B63H21/12 F03B13/18B4F F03D9/00 L63B209/18 L63B35/44E5 L63B35/44E7 L63B35/44E9 R05B220/61 R05B220/62 Y02B10/30 Y02B10/70 Y02E10/38 Y02E10/72 Y02E70/10 Y02T70/52B Y02T70/58 Y02T70/59 Y02T90/46

US: 114/256 114/265 114/61 114/61.12

PatBase - US4993348_A



Family:

Publication number	Publication date	Application number	Application date
US4993348 A	19910219	US19890296866	19890113

Priority:

US19870087469 19870820 US19890296866 19890113

Probable Assignee:

WALD LEONARD H

Assignee(s): (std):

WALD LEONARD H

Inventor(s): (std):

WALD LEONARD H

Title: PRINTING SYSTEM

Abstract: Source: US5644494A [EN] A document (or medium) collating/printing system provides automated **error** detection and **error** recovery in a high-volume printing application. The system includes a media transporter for transporting the print media, a collator having a plurality of retainers for holding groups of document types, and a printer arrangement that receives and processes presented sheets of the print media from the media transporter. The printer arrangement and the media transporter are configured and arranged to form a substantially planer path for transporting the print media from the media transporter toward the printer device for printing on the print media. Further, a programmed controller controls the presentation of the print media to the media transporter and verifies that the presented sheet of print medium is correctly processed by the printer arrangement. **Error** detection and recovery are provided using selectively located **sensors** and diverters controlled by the controller.

Classifications:

International (IPC 8-9): B41J13/00 B65H1/18 B65H29/32 B65H29/62 B65H3/44 B65H31/34 B65H39/042 B65H7/00 B65H9/00 B65H9/10 G06K15/16 (Advanced/Invention)

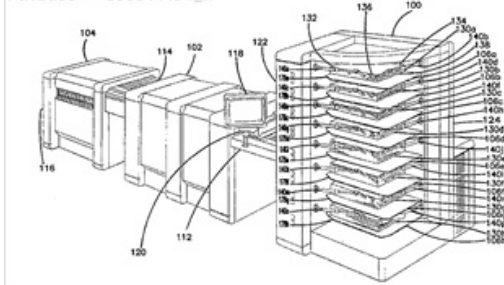
International (IPC 1-7): B06F17/00 B65H5/22 B65H9/22 G06F15/00 G06F17/00 G06F19/00

CPC: B65H2701/1912 B65H2513/108 B65H2513/40 B65H2701/1311 B65H39/042 B41J13/0027 B65H1/18 B65H3/44 B65H7/00 B65H9/00 B65H9/106 B65H29/62 B65H31/34 B65H2511/152 B65H2511/20 B65H2511/242 B65H2511/40 B65H2511/514 B65H2511/515 B65H2511/52 B65H2511/524 B65H2513/104 B65H2513/511 B65H2515/212 B65H2551/20 B65H2553/51 G03G2215/00548 G03G2215/00552 G06K15/16 B65H9/002 B65H29/32 B65H2220/02

European: B41J13/00C2 B65H1/18 B65H29/32 B65H29/62 B65H3/44 B65H31/34 B65H39/042 B65H7/00 B65H9/00 B65H9/00A B65H9/10B4 G06K15/16 L65H511/150 L65H511/152 L65H511/200 L65H511/242 L65H511/400 L65H511/514 L65H511/515 L65H511/520 L65H511/524 L65H513/104 L65H513/108 L65H513/400 L65H513/510A L65H515/212 L65H551/200 L65H553/510 L65H701/1311 S03G215/00G3C S03G215/00G3C1

US: 271/227 271/3.01 364/468.19 364/471.01 364/478.01 364/478.07 364/478.11 364/478.12 364/478.16 364/478.18 700/112 700/213 700/219 700/223 700/224 700/228

PatBase - US5644494_R



Family:

Publication number	Publication date	Application number	Application date
AU199645194 A1	19960703	AU19960045194	19951213
AU199650935 A1	19960923	AU19960050935	19960306
US5644494 A	19970701	US19940354654	19941213
US5696690 A	19971209	US19950480420	19950607
US5748483 A	19980505	US19950399126	19950306
US5790408 A	19980804	US19950477332	19950607
US5867393 A	19990202	US19970937099	19970924
US5917727 A	19990629	US19970926763	19970908
US6604017 BA	20030805	US20000575539	20000522
WO9618954 A1	19960620	WO1995US16334	19951213
WO9627838 A1	19960912	WO1996US03108	19960306

Priority:

US19940354654	19941213	US19950398553	19950301	US19950480420	19950607
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WO1996US03108	19960306	US20000575539	20000522	US19990340430	19990628
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Probable Assignee: DELPHAX TECHNOLOGIES INC

Assignee(s): (std): CHECK TECH CORP

Assignee(s): CHECK TECHNOLOGY CORP ; COLE TAYLOR BANK ; DELPHAX TECHNOLOGIES INC ; HARRIS TRUST AND VINGS BANK SA ; HARRIS TRUST AND SAVINGS BANK ; LASALLE BUSINESS CREDIT LLC ; WHITEBOX DELPHAX LTD ; DELPHAX TECHNOLOGIES INC A MINNESOTA CORP ; AIR T INC

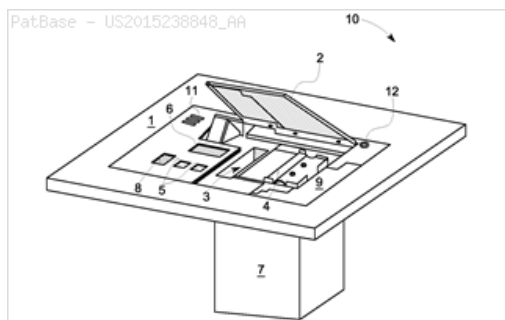
Inventor(s): (std): BRITTLE ALLAN C JR ; BRITTLE JR ALLAN C ; FIEDLER LEE B ; GORHAM KENT ; PETERSON JAY R ; RICHARDSON MICHAEL M ; SCHULTZE GARY T ; MCDONOUGH THOMAS J ; VETTER CHRIS J ; WEISS EUGENE G

Inventor(s): MICHAEL M RICHARDSON ; THOMAS J MCDONOUGH ; JAY R PETERSON ; KENT GORHAM ; LEE B FIEDLER ; GARY T SCHULTZE ; ALLAN C BRITTLE JR ; BRITTLE ALLAN C ; CHRIS J VETTER ; EUGENE G WEISS

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG UZ VN

Title: CARD SHUFFLER

Abstract: Source: US2015238848A [EN] Systems, apparatuses and methods are described for shuffling a deck, group, stack or pile of cards. The cards are placed into a shuffler. The shuffler may be accessed under a lid, or via a slot or tray. Buttons, switches, or a touch screen and the like serve as an interface to access and control the shuffler. Cards are introduced into a substantially vertical shuffling chute. Cards are counted or audited. **Sensors** provide information as to the location of the cards. Static barriers and agitators encourage cards to remain in proper orientation and location. An **elevator** lifts cards from the shuffling chute. Sweeper arms or other mechanism manipulates the cards and returns the cards to a substantially horizontal orientation and exit **position**. Manual override is possible when **errors** are detected. Rubber-coated commodity rollers mountable to cantilevered axles engage and launch cards into the air when shuffled in the shuffling chute. Cards settle back into the stack of cards under the influence of gravity. The shuffler is mounted inside a simple enclosure. Maintenance and interface features provide convenience when working with the shuffler. Authentication may be employed to correlate user or dealer with operation of the shuffler.

Classifications:**International (IPC 8-9):** A63F1/12 (Advanced/Invention)**CPC:** A63F1/12 A63F1/067 A63F2009/2442 A63F2250/58**US:** 273/149R**Family:**

Publication number	Publication date	Application number	Application date
US2015238848 AA	20150827	US20140286997	20140524
US2016317905 A9	20161103	US20140286997	20140524

Priority:

US20130833405P 20130610 US20140286997 20140524 US20140944514P 20140225

Probable Assignee: DIGIDEAL CORP**Assignee(s):** (std): DIGIDEAL CORP**Inventor(s):** (std): KUHN TYLER ; MIESCH ERIC ; WALTERS JEREMY

