

PatBase - Search results 28 January 2018

Search query (2): [SP]: computing long-term schedules for data transfers over a wide area network various technologies pertaining to scheduling network traffic in a network are described. a request to transfer data from a first computing device to a second computing device includes data that identifies a volume of the data to be transferred and a deadline, where the data is to be transferred prior to the deadline. a long-term schedule is computed based upon the request, wherein the long-term schedule defines flow of traffic through the network over a relatively long time horizon. a short-term schedule is computed based upon the long-term schedule, where devices in the network are configured based upon the short-term schedule.

Results: 32

Search history

Search (pn=WO/2015/138523) (Results 1)

1:

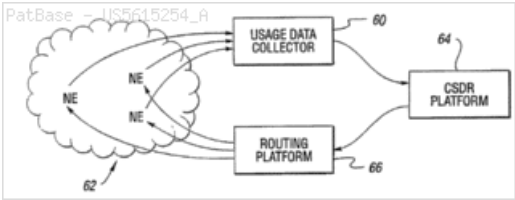
Search [SP]: computing long-term schedules for data transfers over a wide area network various technologies pertaining to scheduling network traffic in a network are described. a request to transfer data from a first computing device to a second computing device includes data that identifies a volume of the data to be transferred and a deadline, where the data is to be transferred prior to the deadline. a long-term schedule is computed based upon the request, wherein the long-term schedule defines flow of traffic through the network over a relatively long time horizon. a short-term schedule is computed based upon the long-term schedule, where devices in the network are configured based upon the short-term schedule. (Results 32)

Title: Methods and systems for dynamic routing in a switched communication network

Abstract: Source: US5615254A Methods and systems of traffic routing in a circuit switched communication network having a plurality of switches and a plurality of trunk groups connecting the switches are disclosed. The methods include a step of determining a set of alternate routing paths for each of a plurality of ordered pairs of the switches, wherein the number of alternate routing paths through each of the trunk groups is constrained to be less than a corresponding first predetermined threshold. In one embodiment, the alternate routing paths are determined by computing a solution to a predetermined integer programming problem. In another embodiment, a heuristic technique is used to determine the alternate routing paths.

Classifications:

International (IPC 8-9): H04Q3/66 (Advanced/Invention);
H04Q3/64 (Core/Invention)
International (IPC 1-7): H04M3/36 H04M7/06
CPC: H04Q3/66
European: H04Q3/66
US: 379/201 379/207 379/220 379/221 379/221.01 379/221.06
379/229 379/230



Family:

Publication number	Publication date	Application number	Application date
US5615254 A	19970325	US19950416255	19950404

Priority:

US19950416255 19950404

Probable Assignee: QWEST COMMUNICATIONS INT INC

Assignee(s): (std): US WEST TECHNOLOGIES INC

Assignee(s): U S WEST TECHNOLOGIES INC ; U S WEST INC ; COMCAST MO GROUP INC ; MEDIAONE GROUP INC ; MEDIAONE GROUP INC WAS KNOWN AS METEOR ACQUISITION ; QWEST COMMUNICATIONS INT ; QWEST COMMUNICATIONS INT INC

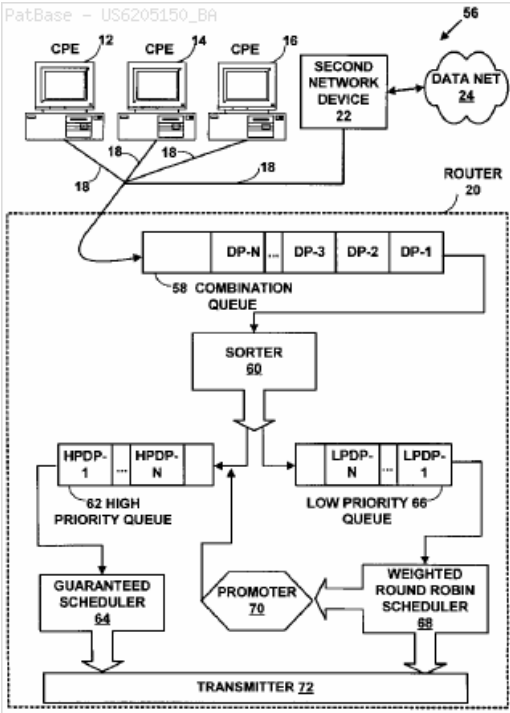
Inventor(s): (std): PILLSBURY GEORGE B ; QIU YUPING ; RYAN JENNIFER ; STEVENS ALEX ; SUN XIAORONG ; ZUBIATE RUDY

Title: Method of scheduling higher and lower priority data packets

Abstract: Source: US6205150B A method for scheduling lower priority and higher priority data packets in a network system is provided. The method allows a network device to schedule the order in which data packets are sent and received on a network system using dual queues. As the network device receives data packets, the network device places data packets into a first queue and sorts the data packets as higher priority and lower priority data packets based upon a transmission deadline of each data packet. Subsequently, the network device places the high priority data packets into a second queue and the lower priority data packets into a third queue. The network device schedules data packets for execution in the second using a first scheduling method while using a second scheduling method to schedule data packets in the third queue. When a transmission deadline for a lower priority data packet expires in the third queue, the network device promotes a data packet from the third queue to the second queue for rescheduling. This method ensures that lower priority data packets are not starved out of delayed in execution by higher priority data packets.

Classifications:

International (ipc 8-9): H04L12/56 (Advanced/Invention)
International (ipc 1-7): H04L12/56
CPC: H04L47/564 H04L47/58 H04L47/6215 H04L47/6285 H04L49/90 H04L49/9036
European: H04L12/56D H04L47/56B H04L47/58 H04L47/62C H04L47/62H H04L49/90 H04L49/90J
US: 370/412 370/429



Family:

Publication number	Publication date	Application number	Application date
US6205150 BA	20010320	US19980086394	19980528

Priority:

US19980086394 19980528

Probable Assignee: HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP

Assignee(s): (std): 3COM CORP

Assignee(s): HEWLETT PACKARD CO ; HEWLETT PACKARD DEVELOPMENT CO LP ; HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP

Inventor(s): (std): RUSZCZYK CHESTER A

Title: METHOD AND SYSTEM FOR TIME-BASED STORAGE ACCESS SERVICES

Abstract: Source: US2002138691A The present invention provides techniques for managing access to storage resources according to an access time. Specific embodiments provide a variety of different kinds of time based access billing. For example, in specific embodiments, one or more of a time time-card storage access service mode, a time-lock storage access service mode, and a semi-timecard storage access service mode are provided.

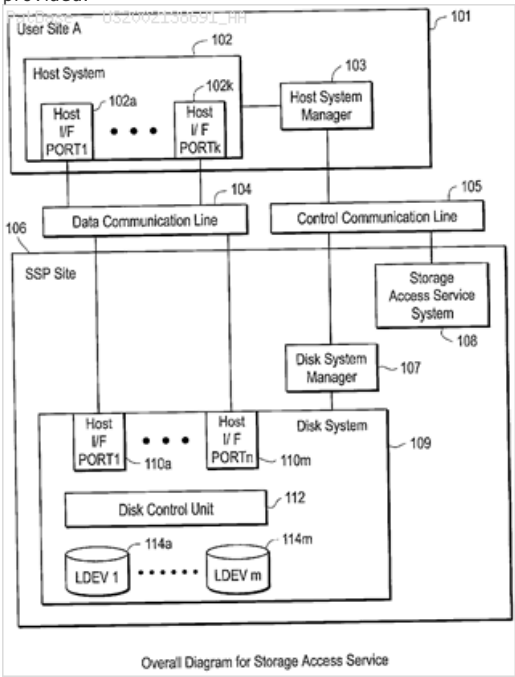
Classifications:

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International (ipc 1-7): G06F12/00 G06F12/14 G06F12/16 G06F13/00 G06F13/28 G06F15/16 G06F15/173 G06F17/60 G06F3/06 G06F21/805 G06F2221/2151 G06Q10/10 G06Q30/02 G06Q30/04 H04L12/14 H04L29/06 H04L63/1425

European: G06F17/60B2 G06F21/62B G06F21/80A G06Q30/02 G06Q30/04 H04L12/14 H04L29/06 H04L29/06C6C H04L29/08N17 H04L63/10A H04L63/14A2 S06F11/34T4 S06F221/2151 S06Q10/10 T04L29/06C6E T04L29/08A7

US: 705/1 705/32 705/34 709/217 709/217S 709/219 709/220 709/223 709/223S 711/112 711/112P



Family:

Publication number	Publication date	Application number	Application date
JP2003044226 A2	20030214	JP20020061299	20020307
US2002138691 AA	20020926	US20010814423	20010321
US7010493 BB	20060307	US20010814423	20010321

Priority:

US20010814423 20010321

Probable Assignee: HITACHI LTD
Assignee(s): (std): HITACHI LTD
Assignee(s): YAMAMOTO AKIRA ; YAMAMOTO MASAYUKI
Inventor(s): (std): YAMAMOTO AKIRA ; YAMAMOTO MASAYUKI
Agent(s): SUGHRUE MION PLLC ; PAVEL I

Title: REAL-TIME NETWORK SCHEDULED PACKET ROUTING SYSTEM

Abstract: Source: US2002191592A A system for guaranteeing bandwidth for transmitting data in a network. A path generation engine determines a data paths across a network according to preselected criteria. A scheduling engine determines schedule appointments for data packets to traverse each link in the network including compensation for transmission delays and switch latencies. Scheduling data is communicated to schedule-aware switches and endpoints so that appointment times are reserved for transmission of the scheduled data packets. Real-time transmission of data can be guaranteed in both directions along the transmission path.

Classifications:

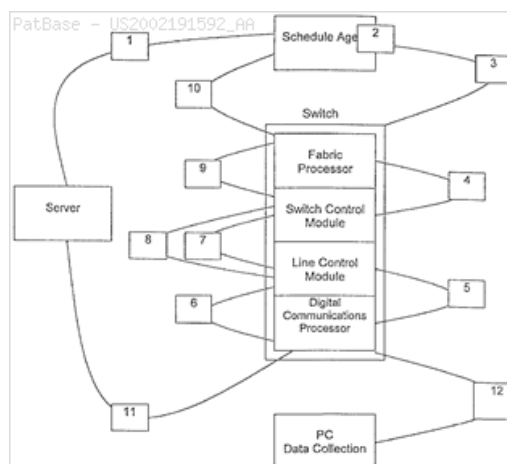
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International (IPC 1-7): G06F15/16 H04L12/56 H04L12/66

CPC: H04L45/20 H04L47/50 H04L47/70 H04L49/253 H04L45/10 H04L45/40 H04L47/15 H04L47/2416 H04L47/2433 H04L47/283 H04L47/33 H04L47/56 H04L47/568 H04L47/724 H04L47/762 H04L47/781 H04L47/801 H04L47/829 H04L49/206

European: H04L12/56K H04L12/56R H04L45/10 H04L45/40 H04L47/15 H04L47/24B H04L47/24C1 H04L47/28A H04L47/33 H04L47/56 H04L47/56C H04L47/72B H04L47/76A H04L47/78A H04L47/80A H04L47/82J H04L49/20C1 H04L49/25E

US: 370/235 370/252 370/352 370/352P 370/386 370/389 370/389S 370/400

**Family:**

Publication number	Publication date	Application number	Application date
AT378639 E	20071115	AT20020744222T	20020604
AU2002345574 AA	20021216	AU20020345574	20020604
DE60223530 D1	20071227	DE20026023530	20020604
DE60223530 T2	20081127	DE20026023530T	20020604
EP1393193 A2	20040303	EP20020744222	20020604
EP1393193 A4	20051130	EP20020744222	20020604
EP1393193 B1	20071114	EP20020744222	20020604
US2002191592 AA	20021219	US20020162454	20020604
US7764665 BB	20100727	US20020162454	20020604
US8477616 BA	20130702	US20030345897	20030116
WO02100023 A2	20021212	WO2002US17689	20020604
WO02100023 A3	20030227	WO2002US17689	20020604

Priority:

US20010295943P 20010605 US20010296238P 20010606 US20020162454 20020604
US20020349115P 20020116 US20030345897 20030116 WO2002US17689 20020604

Probable Assignee: AVAYA INC

Assignee(s): (std): BALL SCOTT ; AVAYA INC ; CETACEAN NETWORKS INC ; ROGERS STEVEN A ; GREENWALD JOSEPH ; ROGERS STEVEN ; MOORE SEAN

Assignee(s): CITIBANK NA ADMINISTRATIVE AGENT AS ; AVAYA TECHNOLOGY CORP ; AVAYA TECHNOLOGY LLC ; BANK OF NEW YORK MELLON TRUST CO NA ; BANK OF NEW YORK MELLON TRUST NA NOTES COLLATERAL ; BANK OF NEW YORK MELLON TRUST NA NOTES COLLATERAL AGENT AS

Inventor(s): (std): BALL SCOTT ; GREENWALD JOSEPH ; ROGERS STEVEN ; ROGERS STEVEN A ; MOORE SEAN

Inventor(s): JOSEPH GREENWALD ; STEVEN A ROGERS ; SCOTT BALL

Agent(s): CHAPIN IP LAW LLC ; ANDERSON GORECKI AND ROUILLE LLP

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

Title: FAST AND SCALABLE APPROXIMATION METHODS FOR FINDING MINIMUM COST FLOWS WITH SHARED RECOVERY STRATEGIES, AND SYSTEM USING SAME

Abstract: Source: US2003058798A Broadly, techniques for solving network routing within a predetermined error are disclosed. These techniques may be applied to networks supporting dedicated reserve capacity, where reserved capacity on links in the network is dedicated for a particular commodity (generally, a source and sink pair of computers), and shared recovery, where reserved capacity on links is shared amongst two or more commodities. These techniques use an iterative process to determine flows on each of the links in a network. Costs are set for each commodity, and primary and secondary (i.e., backup) flows are initialized. A commodity is selected and demand for the commodity is routed through the shortest path. Costs are updated for each potential failure mode. For each commodity, the flows and costs are updated. Once all flows and costs are updated, then it is determined if a function is less than a predetermined value. If the function is less than a predetermined value, then the commodity selection, and flow and cost adjustments are again performed. If the function is greater than the predetermined amount, then the network routing problem is solved to within a predetermined amount from an optimal network routing.

Classifications:

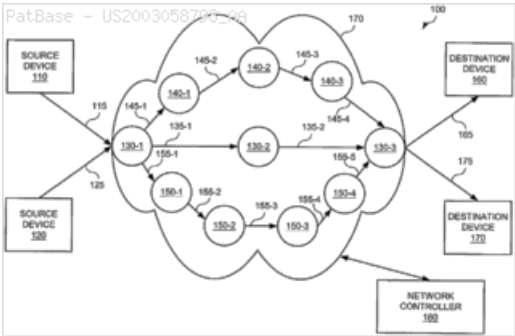
International (ipc 8-9): G01R31/08 H04J3/16 H04L12/28 H04L12/56 H04Q11/00 (Advanced/Invention); H04L12/56 H04Q11/00 (Core/Invention)

International (ipc 1-7): H04J3/14

CPC: H04L45/50 H04L45/00 H04L45/123 H04L45/28 H04Q11/0062 H04Q2011/0073 H04Q2011/0077 H04Q2011/0081 H04Q2011/0086

European: H04L45/00 H04L45/123 H04L45/28 H04L45/50 H04Q11/00P4 T04Q11/00P4F T04Q11/00P4L T04Q11/00P4M1 T04Q11/00P4R

US: 370/238 370/238P 370/241 370/241S 370/351 370/468



Family:

Publication number	Publication date	Application number	Application date
US2003058798 AA	20030327	US20020053079	20020117
US7280526 BB	20071009	US20020053079	20020117

Priority:

US20010262410P 20010118 US20020053079 20020117

Probable Assignee: LUCENT TECHNOLOGIES INC

Assignee(s): (std): FLEISCHER LISA KAREN ; LUCENT TECHNOLOGIES INC ; SANIEE IRAJ ; SHEPHERD FREDERICK BRUCE ; SRINIVASAN ARAVIND

Assignee(s): ALCATEL LUCENT USA INC ; CREDIT SUISSE AG

Inventor(s): (std): FLEISCHER LISA KAREN ; SANIEE IRAJ ; SHEPHERD FREDERICK BRUCE ; SRINIVASAN ARAVIND

Title: DESCRIPTIVE CHARACTERISTICS FOR SALES FORECASTS AND SALES ORDERS

Abstract: Source: US2004010442A A method that is performed on a computer is used in managing a supply chain. The method includes storing a sales forecast in association with data defining projected sales in terms of product, location, and at least one other descriptive characteristic. The method also includes receiving a sales order and processing the sales forecast and the sales order.

Classifications:

International (IPC 8-9): G06Q10/00 G06Q10/06 G06Q10/08

G06Q30/02 G06Q30/06 (Advanced/Invention);

G07B17/00 (Advanced/Non-invention);

G06Q10/00 (Core/Invention)

International (IPC 1-7): G06F17/60

CPC: G06Q10/06 G06Q30/0202 G06Q30/0205 G06Q10/08

G06Q10/083 G06Q10/0835 G06Q30/0601 G06Q10/087

European: G06F17/60C4 G06Q10/06 G06Q10/08 G06Q10/083

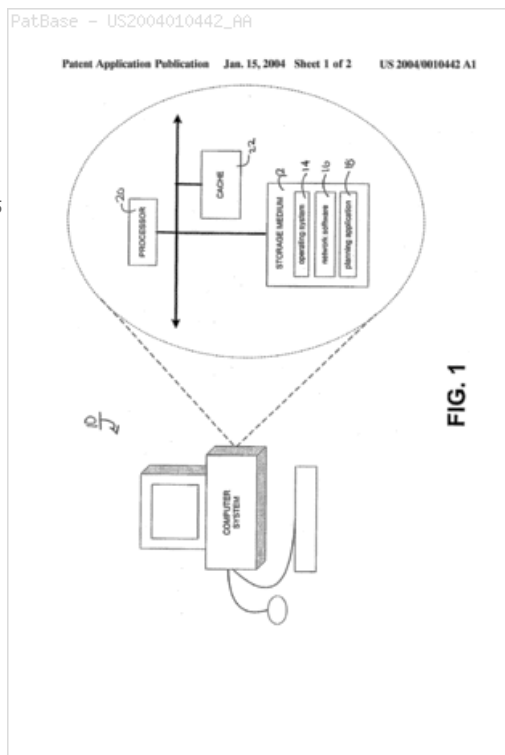
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G06Q30/0601

US: 705/1 705/1.1 705/10 705/10P 705/26 705/26.1 705/26.100P

705/26P 705/28 705/330 705/336 705/7.31 705/7.310P 705/7.34

705/7.340S



Family:

Publication number	Publication date	Application number	Application date
US2004010442 AA	20040115	US20020306815	20021127
US2004010454 AA	20040115	US20020308217	20021202
US7983923 BA	20110719	US20030611319	20030701
US8533072 BB	20130910	US20020308217	20021202

Priority:

US20020306815 20021127

US20020308217 20021202

US20020395245P 20020710

US20030611319 20030701

Probable Assignee: SAP SE

Assignee(s): (std): JOHN THOMAS ; KRETZ THOMAS ; MERKER STEFAN ; SAP AG ; WOehler CHRISTIAN FARHAD ; SIEBERT STEFAN ; PICHT MICHAEL ; VON HELMOLT HANS ULRICH

Assignee(s): SAP SE ; HELMOLT HANS ULRICH VON

Inventor(s): (std): HELMOLT HANS ULRICH VON ; JOHN THOMAS ; KRETZ THOMAS ; MERKER STEFAN ; PICHT MICHAEL ; SIEBERT STEFAN ; WOehler CHRISTIAN FARHAD ; WICHT EDGAR ; SCHLAACK PETER ; PREISS MARTIN ; KRENBAUER MICHAEL ; VON HELMOLT HANS ULRICH

Agent(s): BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP

Title: METHOD AND SYSTEM FOR GLOBAL ROUTING AND BANDWIDTH SHARING

Abstract: Source: US2004246905A Disclosed is a routing and bandwidth allocation system that maximizes network throughput while maintaining global fairness in the sharing of network resources. From gathered global network information (such as inter-node communications patterns and network topology), routing tables and bandwidth allocation policies are computed for routers. In some embodiments, the computations involve applying multi-commodity flow methods to provide a "max-fair" allocation of network resources. While in some embodiments each router collects global network information and then locally produces its own routing and bandwidth allocation tables, it can be simpler and cheaper in terms of both computation and security for a centralized, trusted control unit to perform the calculations and then to distribute the results to the routers. The computed bandwidth policies can leave some bandwidth unallocated to handle unexpected surges in demand. The computed routing tables can include multiple paths leading to greater link utilization and to robustness to link failure.

Classifications:

International (IPC 8-9): H04L12/16 H04L12/26 H04L12/28 H04L12/56 H04L29/02 (Advanced/Invention);

H04L12/16 H04L12/26 H04L12/28 H04L29/02 (Advanced/Non-invention);

H04L12/16 H04L12/26 H04L12/28 H04L12/56

H04L29/02 (Core/Invention)

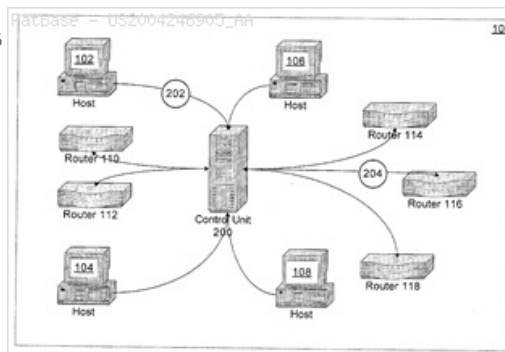
International (IPC 1-7): H04L12/16 H04L12/26 H04L12/56

CPC: H04L45/02 H04L45/125 H04L45/24 H04L45/42 H04L45/44

H04L63/029

European: H04L45/02 H04L45/125 H04L45/24 H04L45/42 H04L45/44

US: 370/252 370/252P 370/351



Family:

Publication number	Publication date	Application number	Application date
AU2004253082 AA	20050106	AU20040253082	20040512
CA2528340 AA	20051206	CA20042528340	20040512
CN1802815 A	20060712	CN200480015588	20040512
CN1802815 B	20110608	CN200480015588	20040512
EP1623530 A1	20060208	EP20040751963	20040512
EP1623530 A4	20100609	EP20040751963	20040512
IN05534DN2005 A	20071130	IN2005DN05534	20051130
IN233983 B	20090522	IN2005DN05534	20051130
JP2006527537 T2	20061130	JP20060514350T	20040512
KR20060022680 A	20060310	KR20057023439	20040512
TH78711 A	20060720	TH20041001523	20040429
TW200503483 A	20050116	TW20040111159	20040421
US2004246905 AA	20041209	US20030455877	20030606
US7376121 BB	20080520	US20030455877	20030606
WO05002136 A1	20050106	WO2004US14818	20040512

Priority:

US20030455877 20030606 WO2004US14818 20040512

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

Assignee(s): (std): DUNAGAN JOHN DAVID ; MICROSOFT CORP ; WANG JIAHE

Assignee(s): MICROSOFT TECHNOLOGY LICENSING LLC

Inventor(s): (std): DAVID DUNAGAN JOHN ; DAVID WANG JIAHE DUNAGAN JOHN ; DUNAGAN JOHN DAVID ; JIAHE WANG ; WANG JIA HE ; WANG JIAHE

Inventor(s): WANG JIAHE DUNAGAN JOHN DAVID ; JOHN DAVID DUNAGAN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; ABE KAZUO; TANI YOSHIKAZU; WOLF GREENFIELD AND SACKS PC

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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: METHOD AND APPARATUS FOR ON-DEMAND RESOURCE ALLOCATION AND JOB MANAGEMENT

Abstract: Source: US2005114860A The invention is a method and apparatus for on-demand resource planning for unified messaging services. In one embodiment, multiple clients are served by a single system, and existing system resources are allocated among all clients in a manner that optimizes system output and service provider profit without the need to increase system resources. In one embodiment, resource allocation and job scheduling are guided by individual service level agreements between the service provider and the clients that dictate minimum service levels that must be achieved by the system. Jobs are processed in a manner that at least meets the specified service levels, and the benefit or profit derived by the service provider is maximized by prioritizing incoming job requests within the parameters of the specified service levels while meeting the specified service levels. Thus, operation and hardware costs remain substantially unchanged, while system output and profit are maximized.

Classifications:**International (IPC 8-9):** G06F9/46 G06F9/48

G06F9/50 (Advanced/Invention);

G06F9/46 (Core/Invention)

International (IPC 1-7): G06F9/46**CPC:** G06F2209/5021 G06F2209/503 G06F9/5038 G06F9/4887**European:** G06F9/48C4S1 G06F9/50A6E**US:** 718/100 718/102 718/102S 718/104 718/104P 718/105

PatBase - US2005114860_AA

Patent Application Publication May 26, 2005 Sheet 1 of 6

US 2005/0114860 A1

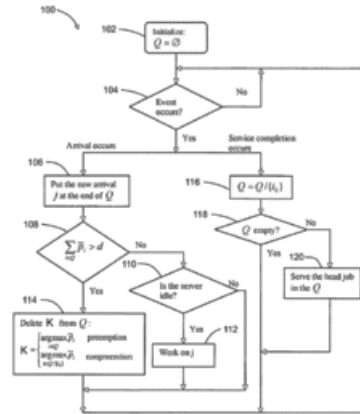


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
US2005114860 AA	20050526	US20030723230	20031126
US2008263558 AA	20081023	US20080164525	20080630
US7526765 BB	20090428	US20030723230	20031126
US8365173 BB	20130129	US20080164525	20080630

Priority:

US20030723230 20031126 US20080164525 20080630

Probable Assignee: IBM**Assignee(s):** (std): LIN WUQIN ; LIU ZHEN ; STAVROPOULOS CHARALAMBOS ; XIA CATHY HONGHUI ; HONGHUI XIA CATHY ; IBM**Assignee(s):** INT BUSINESS MACHINES CORP**Inventor(s):** (std): HONGHUI XIA CATHY ; LIN WUQIN ; LIU ZHEN ; STAVROPOULOS CHARALAMBOS ; XIA CATHY HONGHUI**Agent(s):** MOSER PATTERSON AND SHERIDAN, SUITE 100; MOSER PATTERSON AND SHERIDAN SUITE 100; MOSER PATTERSON AND SHERIDAN LLP; WILLIAM

Title: LOW-POWERED AUTONOMOUS RADIO NODE WITH TEMPERATURE SENSOR AND CRYSTAL

Abstract: Source: US2005213612A A device for a node in a digraph network comprising is disclosed. The device comprises an internal time reference, a radio receiver, a radio transmitter. The device further comprises a temperature sensor for stabilizing the internal time reference against drifting with respect to an internal time reference of another node in the network and a microprocessor for managing the reception and transmission of information.

Classifications:

International (IPC 8-9): G08C17/00 H04B7/14 H04J3/06 H04J3/16 H04J4/00 H04L12/28 H04L12/56 H04L29/02 H04Q7/20

H04W4/00 (Advanced/Invention);

G08C17/00 (Advanced/Non-invention);

G08C17/00 H04J3/16 H04J4/00 H04L12/28 H04L12/56 H04L29/02

H04W4/00 (Core/Invention);

G08C17/00 (Core/Non-invention)

International (IPC 1-7): H04L12/28

CPC: H04L45/02 H04W40/00 H04W52/0219 H04W52/0222

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H04W40/02 H04W56/00 H04W88/02 H04W40/24 H04W40/10

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European: H03L1/02 H04L45/02 H04W22/00 H04W240/00

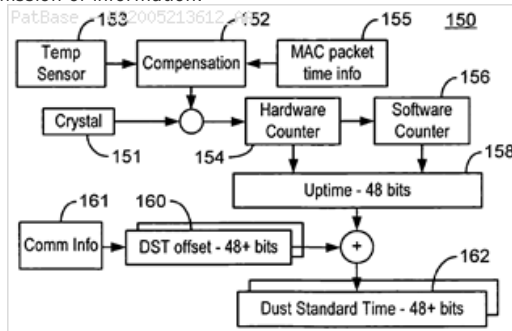
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T04W52/02 T04W56/00 T04W84/18 T04W88/02

US: 370/310.2 370/311 370/315 370/328 370/338 370/350 370/389 370/389P 370/395.4 370/401 370/431 370/431P 370/436

370/436S 370/437 370/470 370/503 370/503P 455/450 455/502 455/502S 709/238



Family:

Publication number	Publication date	Application number	Application date
EP1730910 A2	20061213	EP20050731559	20050325
US2005213612 AA	20050929	US20050125529	20050510
US2006029060 AA	20060209	US20040914056	20040805
US2006029061 AA	20060209	US20040960709	20041006
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US7420980 BA	20080902	US20050152043	20050613
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US7961664 BA	20110614	US20050152026	20050613
US8059629 BA	20111115	US20050152025	20050613
US8194655 BB	20120605	US20040914056	20040805
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Priority:

US20040557148P 20040327	US20040914056 20040805	US20040960709 20041006
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Probable Assignee: LINEAR TECHNOLOGY CORP

Assignee(s): (std): DUST NETWORKS ; DUST NETWORKS INC ; PISTER KRISTOFER S J

Assignee(s): LINEAR TECHNOLOGY CORP

Inventor(s): (std): CONANT ROB ; CONTANT ROBERT ALAN ; PISTER KRISTOFER S ; PISTER KRISTOFER S J ; TREUHART NOAH ; ZATS YURI ; ZATS YURI S ; SHEAR ROBERT M

Inventor(s): PISTER KRISTOFER SJ ; PISTER KRISTOFER

Agent(s): VAN PELT YI AND JAMES LLP; MCDERMOTT WILL AND EMERY 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 KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE 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: SYSTEM FOR IMPLEMENTING AUTOMATED OPEN MARKET AUCTIONING OF LEADS

Abstract: Source: US2006041500A In an automated leads-and-bids exchange system, bid profiles are defined to describe desires of lead buyers. Received leads are matched to active ones of the bid profiles whose specifications the leads substantially match. An auctioning subsystem finds the highest one or group of bids for each given lead. A quality rating database rates the quality of leads provided by different sellers. A price discounting engine discounts the amount paid to sellers who are rated as inferior sources of leads.

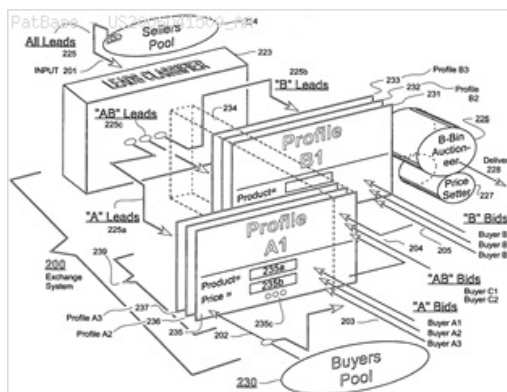
Classifications:

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G06Q30/00 G06Q30/02 G06Q40/00 (Advanced/Invention);
G06F17/50 G06F9/44 G06Q40/00 (Core/Invention)

CPC: G06Q20/10 G06Q30/02 G06Q40/04 G06Q30/0201 G06Q40/00
G06Q30/08

European: G06Q20/10 G06Q30/02 G06Q30/08 G06Q40/00
G06Q40/04

US: 705/14.16 705/26.62 705/35 705/35P 705/37 705/37P 705/39
705/39P 705/7 705/7.29 705/7.35 705/7P



Family:

Publication number	Publication date	Application number	Application date
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KR20070072492 A	20070704	KR20077006109	20050819
US2006041500 AA	20060223	US20050207571	20050819
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US2006265259 AA	20061123	US20060412238	20060425
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Priority:

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Probable Assignee: LEADPOINT INC

Assignee(s): (std): DIANA MARC ; LEADPOINT INC ; LEADPOINT INC ; PETTERSEN PER

Assignee(s): SILICON VALLEY BANK

Inventor(s): (std): MARC DIANA ; PER PETTERSEN ; PETTERSEN PER ; DIANA MARC

Agent(s): FB RICE; FB RICE PTY LTD; SMART AND BIGGAR; MACPHERSON KWOK CHEN AND HEID LLP; HAYNES AND BOONE 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 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 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 SV 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 SOURCING A DEMAND FORECAST WITHIN A SUPPLY CHAIN MANAGEMENT SYSTEM

Abstract: Source: US2006271422A A system and method are described for intelligently sourcing demand forecasts within a supply chain management ("SCM") system based on a constrained supply chain model, in light of material and resource constraints. For example, a computer implemented method according to one embodiment of the invention comprises: calculating a demand forecast identifying anticipated demand for a product over a specified time period; identifying current sales orders for the product with delivery dates scheduled during the specified time period; generating an open forecast for the product based on the current sales orders and the anticipated demand; and sourcing different percentages of the open forecast from different plants, the percentages selected based on supply chain material and/or resource constraints. In addition, after the demand forecast is sourced, one embodiment of the invention employs additional techniques for intelligently sourcing new sales orders entering the SCM system.

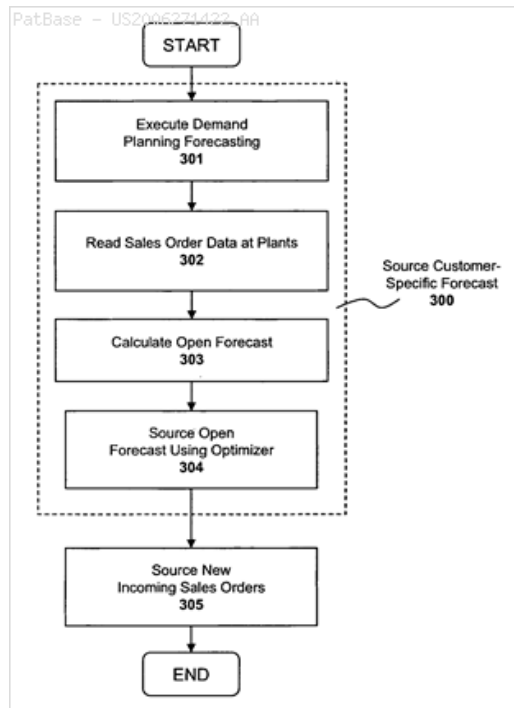
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CPC: G06Q10/06 G06Q10/06314 G06Q10/06315 G06Q30/0202

European: G06Q10/06 G06Q10/06314 G06Q10/06315 G06Q30/0202

US: 705/10 705/10P 705/7.11 705/7.12 705/7.24 705/7.240P 705/7.25 705/7.250S 705/7.31 705/7.310S



Family:

Publication number	Publication date	Application number	Application date
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US8417549 BB	20130409	US20050139303	20050527

Priority:

US20050139303 20050527

Probable Assignee: SAP SE

Assignee(s): (std): KOENEMANN JUERGEN ; MERKER STEFAN ; RAKESH RAVI ; RESAG STEFAN ; STEINBACH JOCHEN ; SAP AKTIENGESELLSCHAFT

Assignee(s): SAP SE ; SAP AG

Inventor(s): (std): KOENEMANN JUERGEN ; MERKER STEFAN ; RAKESH RAVI ; RESAG STEFAN ; STEINBACH JOCHEN

Agent(s): BLAKELY SOKOLOFF TAYLOR AND ZAFMAN; BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP

Title: METHOD AND APPARATUS FOR OPPORTUNISTIC MULTICASTING WITH CODED SCHEDULING IN WIRELESS NETWORKS

Abstract: Source: US2008152061A A method, apparatus and system for opportunistic multicasting are described. In one embodiment, an apparatus for use in a wireless multicast system comprises: a storage to store channel state and/or rate information received from the plurality of receivers; an optional encoder to generate encoding blocks from the original multicast/broadcast content; a transmitter to broadcast information over a broadcast channel to receivers in the plurality of receivers for each transmission time slot; and a controller coupled to the storage and the transmitter to adapt transmission rates of the transmitter to cause the transmitter to transmit at different rates for different transmission time slots, wherein the controller determines a transmission rate of the transmitter that broadcasts the encoded information, based on the channel state information associated with the broadcast channel and received from the plurality of receivers and based on a subset of receivers in the plurality of receivers targeted to reliably receive a broadcast transmission over the broadcast channel during said each transmission time slot.

Classifications:**International (IPC 8-9):** H04B7/005 H04L1/00 H04L12/18 H04L12/28

H04L12/56 H04L12/721 H04L12/725 H04L12/761 H04L12/801

H04L12/803 H04L12/811 H04L12/851 H04L12/863 H04Q7/38

H04W28/04 H04W28/22 H04W4/06 H04W40/12 H04W48/08

H04W72/04 (Advanced/Invention);

H04L12/24 H04N11/04 (Advanced/Non-invention);

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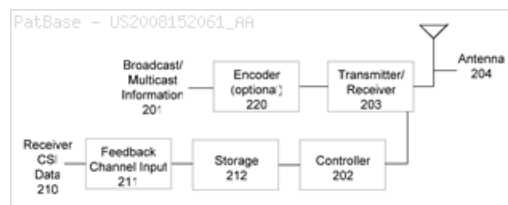
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CPC: H04L1/0002 H04L1/0009 H04L1/0015 H04L1/0026 H04L1/004 H04L12/1836 H04L12/1877 H04L12/189 H04L2001/0093 H04W28/22 H04W72/005 H04W40/12 H04L12/1881 H04L41/12 H04L41/5003 H04L41/5054 H04L45/14 H04L45/16 H04L45/30 H04L45/38 H04L47/10 H04L47/125 H04L47/15 H04L47/24 H04L47/2408 H04L47/2441 H04L47/38 H04L47/6215 H04W4/06**European:** H04L1/00A1 H04L1/00A5 H04L1/00A8 H04L12/18E H04L12/18R2 H04L12/18S H04L12/18W H04L12/24C2

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US: 370/229 370/231 370/235 370/254 370/254P 370/390 375/240.24 375/240.240S 375/358 375/358P 709/232 709/233**Family:**

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EP1992190 A1	20081119	EP20070863049	20071218
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JP5097214 B2	20121212	JP20090542878T	20071218
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US2008152061 AA	20080626	US20070957724	20071217
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US8861356 BB	20141014	US20080040653	20080229
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WO08112252 A1	20080918	WO2008US03274	20080312

Priority:

US20060876903P 20061222 US20070906999P 20070313 US20070927814P 20070504
US20070957724 20071217 US20080040653 20080229 WO2007US25846 20071218

Probable Assignee: DOCOMO COMMUNICATIONS LABORATORIES USA INC**Assignee(s):** (std): KOZAT ULAS C ; NTT DOCOMO INC ; PAPADOPOULOS HARALABOS ; PEPIN CHRISTINE ; SUNDBERG CARL ERIK W ; RAMPRASHAD SEAN A**Assignee(s):** DOCOMO COMMUNICATIONS LABORATORIES USA INC**Inventor(s):** (std): KOZAT ULAS C ; SUNDBERG CARL ERIK W ; RAMPRASHAD SEAN A ; PEPIN CHRISTINE ; PAPADOPOULOS HARALABOS**Agent(s):** BARTLE ROBIN JONATHAN; BLAKELY SOKOLOFF TAYLOR AND ZAFMAN; BLAKELY SOKOLOFF TAYLOR AND ZAFMAN LLP; MALLIE MICHAEL J 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 CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: OUTPUT MANAGEMENT SYSTEMS AND METHODS

Abstract: Source: US2008180445A Systems and methods of output management are disclosed. In an exemplary implementation, an output management method may include generating a bifurcated transformation graph including a plurality of format nodes connected by a plurality of transformation edges and at least one production edge. The method may also include simplifying the bifurcated transformation graph. The method may also include identifying at least one optimal route through the simplified bifurcated transformation graph for efficient document management in a computer system.

Classifications:

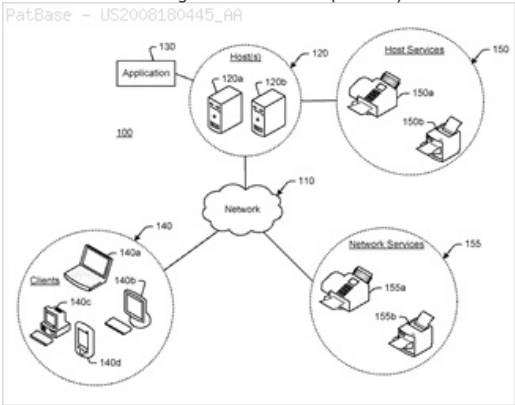
International (IPC 8-9): G06T11/20 (Advanced/Invention);

G06T11/20 (Core/Invention)

CPC: G06T11/20

European: G06T11/20

US: 345/440



Family:

Publication number	Publication date	Application number	Application date
US2008180445 AA	20080731	US20070668368	20070129

Priority:

US20070668368 20070129

Probable Assignee: HEWLETT PACKARD DEVELOPMENT CO LP

Assignee(s): (std): PESKIN MARK

Assignee(s): HEWLETT PACKARD DEVELOPMENT CO ; HEWLETT PACKARD DEVELOPMENT CO LP

Inventor(s): (std): PESKIN MARK

Agent(s): HEWLETT PACKARD COMPANY; HEWLETT PACKARD CO

Title: METHOD AND APPARATUS FOR LOAD BALANCING WITH SERVER STATE CHANGE AWARENESS

Abstract: Source: US2008195755A A computer implemented method, apparatus, and computer usable program code for load balancing in a cluster. In response to receiving a notification of an impending state change event in the server, a weight adjustment value for a server is identified to form an identified weight adjustment. An adjusted routing weight for the server is generated using the identified weight adjustment to form a current routing weight for the server. An incoming service request is routed to a selected server in the cluster using current routing weight associated with servers in the cluster.

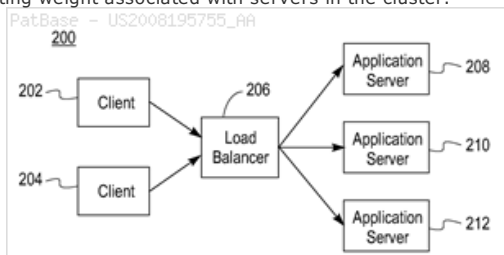
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International (IPC 8-9): G06F13/00 G06F15/173 (Advanced/Invention); G06F15/16 (Core/Invention)

CPC: H04L67/1008 H04L67/1002 H04L67/1029 H04L29/06 H04L45/00 H04L45/306 H04L47/10 H04L47/125

European: H04L29/08N9A H04L29/08N9A1B H04L29/08N9A7 H04L45/00 H04L45/306 H04L47/10 H04L47/12B

US: 370/503 709/223 709/241 709/241P 711/100 711/141 711/146 711/154 711/156



Family:

Publication number	Publication date	Application number	Application date
US2008195755 AA	20080814	US20070673866	20070212
US7865614 BB	20110104	US20070673866	20070212

Priority:

US20070673866 20070212

Probable Assignee: IBM

Assignee(s): (std): LU YING ; PACIFICI GIOVANNI ; STEINDER MALGORZATA ; TANTAWI ASSER NASRELDIN ; IBM

Assignee(s): INT BUSINESS MACHINES CORP

Inventor(s): (std): LU YING ; PACIFICI GIOVANNI ; STEINDER MALGORZATA ; TANTAWI ASSER NASRELDIN

Agent(s): DUKE W YEE; YEE AND ASSOCIATES PC; PRESTON J

Title: WIRELESS PROTOCOL ADAPTER

Abstract: Source: US2008273486A A wireless protocol adapter for use in a process system includes a wireless interface that communicates with a multi-node wireless communication network using a wireless communication protocol, a wired interface that connects to a first field device over a wired link, and a processing unit that transfers process data between the wireless communication network and the first field device to enable operation of the first field device and of the wireless protocol adapter in the wireless communication network as distinct network nodes.

Classifications:

International (IPC 8-9): G01D21/00 G06F11/07 G06F15/16 G06F15/173 G06F17/30 H04B7/00 H04B7/212 H04J3/00 H04J3/06 H04J3/14 H04J3/24 H04L12/24 H04L12/26 H04L12/28 H04L12/40 H04L12/56 H04L12/66 H04L12/707 H04L12/717 H04L12/721 H04L29/06 H04L7/00 H04L9/32 H04M1/00 H04M1/66 H04Q7/00 H04W12/00 H04W24/00 H04W24/04 H04W4/00 H04W4/06 H04W40/00 H04W40/02 H04W40/22 H04W40/24 H04W56/00 H04W72/04 H04W72/12 H04W80/00 H04W84/00 H04W84/10 H04W84/18 H04W84/22 H04W92/10 (Advanced/Invention); G06F12/00 G06F15/16 H04W24/00 H04W80/00 (Advanced/Non-invention);

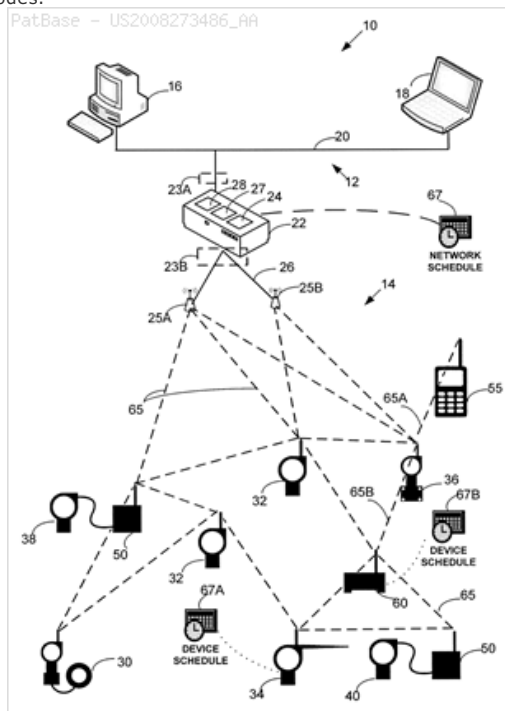
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International (IPC 1-7): H04L12/28 H04L12/66

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**Family:**

Publication number	Publication date	Application number	Application date
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EP2156612 A1	20100224	EP20080742788	20080411
EP2156612 A4	20120801	EP20080742788	20080411
EP2156613 A1	20100224	EP20080742821	20080411
EP2156613 A4	20130710	EP20080742821	20080411
EP2156616 A1	20100224	EP20080727327	20080411
EP2156616 A4	20130710	EP20080727327	20080411
EP2156617 A1	20100224	EP20080727328	20080411
EP2156617 A4	20130417	EP20080727328	20080411
EP2165470 A1	20100324	EP20080727326	20080411
EP2165470 A4	20140226	EP20080727326	20080411
EP2165471 A1	20100324	EP20080742835	20080411
EP2165471 A4	20150401	EP20080742835	20080411
EP2165471 B1	20160525	EP20080742835	20080411
EP2171924 A2	20100407	EP20080826312	20080411
EP2171924 A4	20100721	EP20080826312	20080411
EP2171924 B1	20121212	EP20080826312	20080411
EP2566117 A1	20130306	EP20120194172	20080411
EP2566117 B1	20140514	EP20120194172	20080411
EP2677699 A1	20131225	EP20130184512	20080411
IN06664CN2009 A	20100312	IN2009CN06664	20091112
IN06665CN2009 A	20160831	IN2009CN06665	20091112
IN06667CN2009 A	20100625	IN2009CN06667	20091112
IN06669CN2009 A	20100625	IN2009CN06669	20091112
IN06670CN2009 A	20100305	IN2009CN06670	20091112
IN06671CN2009 A	20100521	IN2009CN06671	20091112
IN06673CN2009 A	20100305	IN2009CN06673	20091112
IN06675CN2009 A	20100305	IN2009CN06675	20091112
IN06676CN2009 A	20100305	IN2009CN06676	20091112
IN06677CN2009 A	20100312	IN2009CN06677	20091112
IN06679CN2009 A	20120713	IN2009CN06679	20091112
IN06680CN2009 A	20100305	IN2009CN06680	20091112
IN06681CN2009 A	20100625	IN2009CN06681	20091112
US2008273486 AA	20081106	US20080101000	20080410
US2008273518 AA	20081106	US20080101011	20080410
US2008274766 AA	20081106	US20080100986	20080410
US2008279155 AA	20081113	US20080100995	20080410
US2008279204 AA	20081113	US20080100927	20080410
US2009010203 AA	20090108	US20080101043	20080410
US2009010204 AA	20090108	US20080101049	20080410
US2009010205 AA	20090108	US20080101054	20080410
US2009010233 AA	20090108	US20080101037	20080410
US2009046675 AA	20090219	US20080101074	20080410
US2009046732 AA	20090219	US20080101071	20080410
US2009052429 AA	20090226	US20080101005	20080410
US2009054033 AA	20090226	US20080101021	20080410
US2011216656 AA	20110908	US20110106464	20110512
US2011302635 AA	20111208	US20110209572	20110815
US2012196636 AA	20120802	US20120444350	20120411
US2014038591 AA	20140206	US20130046143	20131004
US8169974 BB	20120501	US20080101011	20080410
US8230108 BB	20120724	US20080101071	20080410
US8325627 BB	20121204	US20080100995	20080410
US8356431 BB	20130122	US20080101074	20080410
US8406248 BB	20130326	US20080101054	20080410
US8451809 BB	20130528	US20080101037	20080410
US8570922 BB	20131029	US20080101043	20080410
US8660108 BB	20140225	US20080101005	20080410
US8670746 BB	20140311	US20080101021	20080410
US8670749 BB	20140311	US20110209572	20110815
US8676219 BB	20140318	US20080100986	20080410
US8798084 BB	20140805	US20080100927	20080410
US8892769 BB	20141118	US20110106464	20110512
US8942219 BB	20150127	US20080101049	20080410

WO08127632 A1	20081023	WO2008US04675	20080411
WO08127632 A1	20081023	WO2008US04678	20080411
WO08127657 A1	20081023	WO2008US04716	20080411
WO08127683 A1	20081023	WO2008US04761	20080411
WO08127688 A1	20081023	WO2008US04775	20080411
WO09008934 A2	20090115	WO2008US04740	20080411
WO09008934 A3	20090423	WO2008US04740	20080411
WO09008935 A2	20090115	WO2008US04745	20080411
WO09008935 A3	20100311	WO2008US04745	20080411
WO09008936 A2	20090115	WO2008US04746	20080411
WO09008936 A3	20090806	WO2008US04746	20080411
WO09008937 A2	20090115	WO2008US04749	20080411
WO09008937 A3	20090813	WO2008US04749	20080411
WO09008938 A2	20090115	WO2008US04777	20080411
WO09008938 A3	20090813	WO2008US04777	20080411
WO09008938 A9	20090226	WO2008US04777	20080411
WO09011724 A2	20090122	WO2008US04751	20080411
WO09011724 A3	20090618	WO2008US04751	20080411
WO09017521 A2	20090205	WO2008US04750	20080411
WO09017521 A3	20090625	WO2008US04750	20080411

Priority:

CN200880017903	20080411	EP20080742835	20080411	EP20080826107	20080411
EP20080826312	20080411	EP20080826233	20080411	EP20080826296	20080411
US20070911795P	20070413	US20080100995	20080410	US20080101000	20080410
US20080101005	20080410	US20080100986	20080410	US20080100927	20080410
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WO2008US04777	20080411	WO2008US04749	20080411	WO2008US04740	20080411
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