

Diego Gonzalez

Search history

Search 1: STAC=(address* and frame and payload and data and split) (Results 16)

Title: ACTIVE ENGAGEMENT SYSTEM FOR ENGAGING A SNOWBOARD BOOT TO A BINDING

Abstract: One embodiment is directed to a system for mounting a rider to a snowboard. The system comprises a snowboard boot; a snowboard binding; a first engagement member; and a second engagement member; wherein one of the first and second engagement members is mounted to the sole of the snowboard boot forward of the arch area and the other is mounted to the binding. The first engagement member is adapted to mate with the second engagement member to releasably engage the snowboard boot to the binding. The first engagement member is an active engagement that is automatically movable, in response to the rider stepping out of the binding, from a closed position to an open position. Another embodiment is directed to a snowboard boot for use with a binding including a pair of spaced apart engagement members. The snowboard boot includes a cleat adapted to be releasably engaged by the pair of spaced apart engagement members. At least one of side of the cleat tapers inwardly from a wider base-end portion to a narrower free-end portion so that the cleat separates the pair of spaced apart engagement members when the snowboard boot steps into the binding. The engagement system can be reversed so that the pair of spaced members are on the boot and the cleat is on the binding.

Classifications:

International (IPC 8-9): A43B5/04 A63C10/04 A63C10/10

A63C10/14 A63C10/18 A63C10/20 A63C10/24 A63C10/28

A63C9/00 (Advanced/Invention);

A63C10/18 A63C10/20 A63C10/24 (Advanced/Non-invention);

A43B5/04 A63C9/00 (Core/Invention)

International (IPC 1-7): A43B5/04 A63C5/00 A63C9/00 A63C9/02

A63C9/08 A63C9/10 A63C9/16 A63C9/18 A63C9/20 A63C9/99

H04N7/08

CPC: A43B5/0401 A43B5/0403 A43B5/0423 A43B5/0456 A43B5/046

A43B5/0474 A63C10/04 A63C10/10 A63C10/103 A63C10/106

A63C10/145 A63C10/18 A63C10/24 A63C10/285 A43B5/0421

A63C10/20

European: A43B5/04A A43B5/04A2 A43B5/04D2 A43B5/04D2C

A43B5/04D2D A43B5/04E14F1 A43B5/04E14F3 A43B5/04E20W

A63C10/04 A63C10/10 A63C10/10B A63C10/10D A63C10/14B

A63C10/18 A63C10/24 A63C10/28B A63C9/00B A63C9/08D

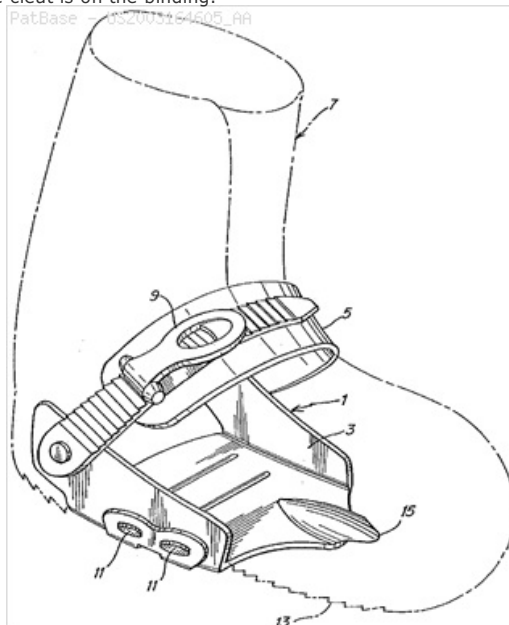
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K63C10/20 K63C10/24

US: 280/11.31 280/11.36 280/14.2 280/14.21 280/14.22 280/14.24

280/613 280/618 280/623 280/624 280/624P 280/625 280/626

280/634 36/117.3

**Family:**

Publication number	Publication date	Application number	Application date
AT213127 E	20020215	AT19980918442T	19980417
AT220938 E	20020815	AT19980918441T	19980417
AT235937 E	20030415	AT19980918455T	19980417
AT236689 E	20030415	AT19980919801T	19980417
AT248006 E	20030915	AT19980918440T	19980417
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DE69803845 D1	20020321	DE19986003845	19980417
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DE69806763 D1	20020829	DE19986006763	19980417
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DE69817585 D1	20031002	DE19986017585	19980417
DE69817585 T2	20040624	DE19986017585T	19980417
EP0979045 A1	20000216	EP19980918442	19980417
EP0979045 B1	20020213	EP19980918442	19980417
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EP1009496 B1	20030402	EP19980918455	19980417
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EP1249259 A2	20021016	EP20020015630	19980417
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JP3067957 U	20000421	JP19990600010U	19980417
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JP3070919 U	20000822	JP19990600013U	19980417
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US2003164605 AA	20030904	US20030392204	20030320
US6099018 A	20000808	US19980062143	19980417
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WO9847398 A1	19981029	WO1998US07883	19980417
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WO9847578 A1	19981029	WO1998US07881	19980417
WO9847579 A1	19981029	WO1998US07882	19980417
WO9847579 C2	19990325	WO1998US07882	19980417
WO9847580 A1	19981029	WO1998US07897	19980417
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Priority:

US19970044715P	19970418	US19970044716P	19970418	US19970887530	19970703
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US19980062255	19980417	WO1999US08513	19990416	US19990051703P	19990703
US20000507493	20000218	US20000603370	20000626	US20030392204	20030320

Probable Assignee: BURTON CORP

Assignee(s): (std): DODGE DAVID J ; MARAVETZ PAUL T ; PHILLIPS FRANKLIN S ; MCDONALD STEVEN C ; BURTON CORP

Assignee(s): BURTON CORP BURLINGTON ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION AS ADMINI ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; THE BURTON CORPORATION ; PERRY DAVID L ; REID JOSHUA S ; PHILLIPS FRANK ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTR ; ENCAMERA SCIENCES CORP ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINI AS

Inventor(s): (std): CARPENTER JAKE BURTON ; CURRAN PETER M ; DAVID L PERRY ; DODGE DAVID J ; FRANKLIN S PHILLIPS ; JAKE BURTON CARPENTER ; JAMES LAUGHLIN ; JOSHUA S REID ; JOSHUA STEWART REID ; LAUGHLIN JAMES ; LAUGHLIN JAMES D ; MARAVETZ PAUL T ; MCDONALD STEVEN C ; MCGANN THOMAS M ; MCMORROW GAVIN M ; NARAJOWSKI DAVID ; PAUL T MARAVETZ ; PERRY DAVID L ; PHILLIPS FRANKLIN S ; PHILLIPS FRANK ; PHILLIPS FRANKLIN S ; REID JOSHUA S ; REID JOSHUA STEWART ; STEVEN C MCDONALD ; THOMAS M MCGANN ; PHILLIPS S ; PETER M CURRAN ; PERRY L ; MCGANN M ; MCDONALD C ; MARAVETZ T ; GAVIN M MCMORROW ; FRANKLIN S PHILIPPS ; DODGE J ; CARPENTER BURTON ; REID S ; PHILIPPS S ; CURRAN M ; DAVID NARAJOWSKI ; DAVID J DODGE

Inventor(s): CICIORA WALTER S ; DICKINSON ROBERT V ; HARTSON TED E

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI 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 SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

Title: COMMUNICATIONS NETWORK SYSTEM INCLUDING ACKNOWLEDGEMENT INDICATING SUCCESSFUL RECEIPT OF REQUEST FOR RESERVED COMMUNICATION SLOTS AND START TIME FOR SAID RESERVED COMMUNICATION SLOTS

Abstract: A computer network for high-speed **data** communication, has a **data** transmission cable with a root and at least one leaf node wherein the upstream transmission is synchronized by information received on a downstream channel. Each client station receives **data** on a first frequency band, and transmits **data** on a second frequency band according to synchronization signals received on the first frequency band. The client station's transmission packets may include requests for reserved slots on the second frequency band for subsequent transmissions, and the SCS has a scheduler operable to determine a start time for requested reserved slots, and transmits the start time for the requested reserved slots. The client stations are operable to wait to continue transmission after waiting for the start time.

Classifications:

International (Ipc 8-9): H04J1/12 H04J3/16 H04L12/28 H04L12/403
H04L12/44 H04L5/00 H04L5/14 H04L5/26
H04L7/00 (Advanced/Invention);
H04N7/173 (Advanced/Non-invention);
H04L12/403 (Core/Invention)

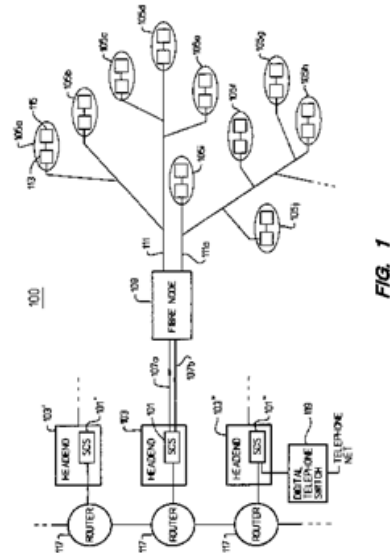
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H04L7/00 H04N7/14

CPC: H04J1/12 H04J3/1694 H04L5/143 H04L5/26 H04L12/2801
H04L12/2854 H04N2007/17381

European: H04J1/12 H04J3/16D H04L12/28B H04L12/28P
H04L5/14P H04L5/26 T04N7/173Q

US: 348/10 370/108 370/17 370/252 370/314 370/473 370/508
370/517 395/552 395/557 713/401 713/502 725/111 725/121
725/131

U.S. Patent Jul. 21, 1998 Sheet 1 of 27 5,784,597



Family:

Publication number	Publication date	Application number	Application date
DE69635468 D1	20051229	DE19966035468	19960912
DE69635468 T2	20060720	DE19966035468T	19960912
DE69635834 D1	20060427	DE19966035834	19960912
DE69635834 T2	20060817	DE19966035834T	19960912
EP0765055 A2	19970326	EP19960114644	19960912
EP0765055 A3	20040204	EP19960114644	19960912
EP0765055 B1	20051123	EP19960114644	19960912
EP1437865 A1	20040714	EP20040008225	19960912
EP1437865 B1	20060222	EP20040008225	19960912
JP2004274778 A2	20040930	JP20040087238	20040324
JP3577393 B2	20041013	JP19960252108	19960924
JP9135235 A2	19970520	JP19960252108	19960924
US5784597 A	19980721	US19950532918	19950922
US5883901 A	19990316	US19970972149	19971117

Priority:

US19950532918 19950922 EP19960114644 19960912 JP19960252108 19960924
US19970972149 19971117

Probable Assignee: HEWLETT PACKARD DEVELOPMENT CO LP

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

Assignee(s): HEWLETT PACKARD DEVELOPMENT CO LP ; HEWLETT PACKARD DEVELOPMENT CO L P ; HEWLETT
PACKARD CO N D GES D STAATES DELAWARE PALO ALTO ; HEWLETT PACKARD CO NDGESDSTAATES
DELAWARE PALO ALTO ; HP INC ; HEWLETT PACKARD CO A DELAWARE CORP ; HEWLETT PACKARD
CO A DELAWARE CORPORATION ; HEWLETT PACKARD CO N D GES D STAATES DELAWARE PA

Inventor(s): (std): CHIU RANFUAN ; JIYAMU MEERUBAN ; JAM MEHRBAN ; CHIU RAN FUN

Agent(s): FURUYA SATOSHI; MIZOBE TAKAHIKO

Designated states: DE FR GB

Title: DIGITAL **DATA** DISTRIBUTION METHOD AND SYSTEM

Abstract: It is provided a Digital **data** distribution system comprising an electric power lines network, and inductive couplers distributed in different locations of the network for coupling **data** processing units to this network for transmission, and in these couplers, a master coupler and a set of slave couplers, wherein the master coupler comprises a coding emitter, of the CDMA type, with a spreading factor, for transmitting CDMA coded **data** on the network after such a coding, and each slave coupler comprises a receiver, for receiving this CDMA coded **data** from the master coupler and for decoding it, and a QAM modulation emitter, without spreading factor, for transmitting coded **data** on the network to said master coupler.

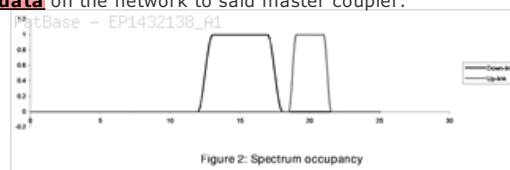
Classifications:

International (IPC 8-9): H04B3/54 (Advanced/Invention);
H04B3/54 (Core/Invention)

International (IPC 1-7): H04B3/54

CPC: H04B3/54 H04B2203/5408 H04B2203/5416 H04B2203/5425
H04B2203/5483 H04B2203/5445 H04B2203/545

European: H04B3/54 T04B203/54M10 T04B203/54M2
T04B203/54M6 T04B203/54P10 T04B203/54P8 T04B203/54S12



Family:

Publication number	Publication date	Application number	Application date
AT305672 E	20051015	AT20020102836T	20021219
AT477621 E	20100815	AT20030104705T	20031216
DE60206402 D1	20051103	DE20026006402	20021219
DE60206402 T2	20060706	DE20026006402T	20021219
DE60333722 D1	20100923	DE20036033722	20031216
EP1432138 A1	20040623	EP20020102836	20021219
EP1432138 B1	20050928	EP20020102836	20021219
EP1432139 A2	20040623	EP20030104705	20031216
EP1432139 A3	20050126	EP20030104705	20031216
EP1432139 B1	20100811	EP20030104705	20031216

Priority:

EP20020102836 20021219 EP20030104705 20031216

Probable Assignee: LABORATOIRE EUROPEEN ADSL LEACOM FASTNET

Assignee(s): (std): EUROP ADSL CESSON SEVIGNE LAB ; EUROP ADSL COURBEVOIE LAB ; EUROP ADSL LEACOM FASTNET LAB ; EUROPE ADSL LAB ; EUROPE ADSL LEACOM FASTNET LAB

Assignee(s): LABORATOIRE EUROPEEN ADSL LEACOM FASTNET ; LABORATOIRE EUROPEEN ADSL ; LABORATOIRE EUROPEEN ADSL CESSON SEVIGNE ; LABORATOIRE EUROPEEN ADSL COURBEVOIE

Inventor(s): (std): BUCHOUX VINCENT ; FERNANDEZ THIERRY ; GRENIER OLIVIER

Agent(s): SCHMIT CHRISTIAN NORBERT MARIE

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: SCHEME FOR ADDRESSING PROTOCOL FRAMES TO TARGET DEVICES

Abstract: Addressing a frame to a target device, the frame being one of a protocol that defines the frame with at least an address part and a payload data part, including obtaining an address of the target device, splitting the address into a first part and a second part, allocating the first part in the address part of the frame, and allocating the second part in the payload data part of the frame.

Classifications:

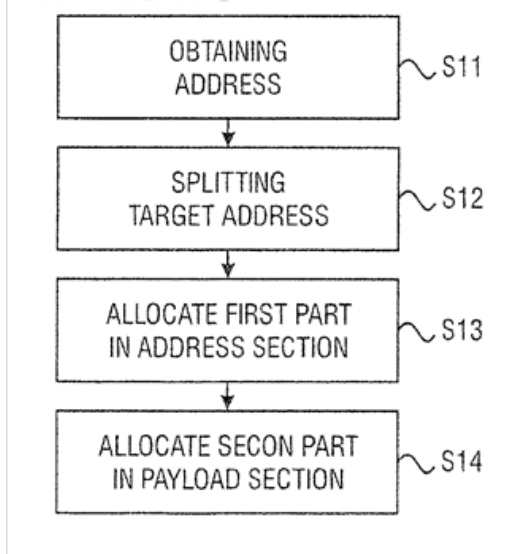
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H04L29/12 (Advanced/Invention)

CPC: H04L61/2596 H04L45/74 H04L49/405 H04L61/2592 H04L67/12

US: 370/392

PatBase - US2016359804_AA



Family:

Publication number	Publication date	Application number	Application date
AU2013407433 A1	20150618	AU20130407433	20131211
AU2013407433 AA	20150618	AU20130407433	20131211
AU2013407433 BB	20170720	AU20130407433	20131211
CN105814867 A	20160727	CN201380081499	20131211
CO20160006165 A2	20170209	CO20160006165	20160718
EP3080971 A1	20161019	EP20130811840	20131211
MX2016007524 A1	20160913	MX20160007524	20131211
RU2016127299 A	20180115	RU20160127299	20131211
US2016359804 AA	20161208	US20130102664	20131211
WO15086056 A1	20150618	WO2013EP76202	20131211

Priority:

WO2013EP76202 20131211

Probable Assignee: SCA HYGIENE PRODUCTS AB

Assignee(s): (std): SCA HYGIENE PROD AB

Assignee(s): SCA HYGIENE PRODUCTS AB

Inventor(s): (std): ANDREAS WASS ; ERIK LAERFARS ; WASS ANDREAS ; LAERFARS ERIK ; LARFARS ERIK

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; JOSE ANDRES RINCON USCATEGUI; HOFFMANN EITLE; SCHEIBLE DOMINIK ET AL

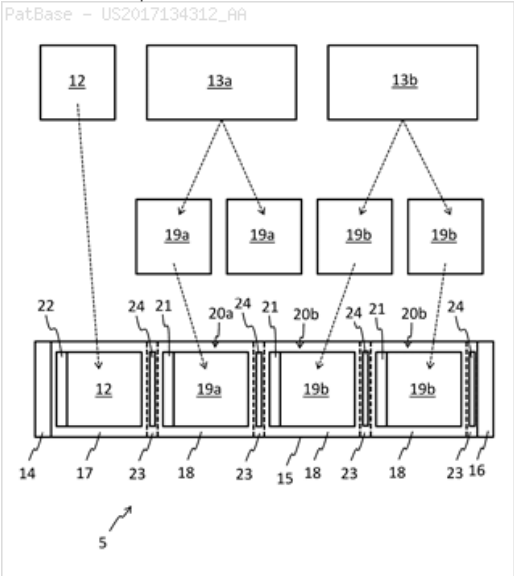
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW 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: NETWORK FOR AN AIRCRAFT OR SPACECRAFT, AND AN AIRCRAFT OR SPACECRAFT INCLUDING SUCH NETWORK

Abstract: A network for an aircraft including a **data** line and network access devices, a first interface and at least one second interface and connected to the **data** line via the first interface. Identifiers are assigned to the second interfaces in pairs. The access devices receive and/or transmit **data** in first **data frames** having a fixed format and first portion and second portions. The network access devices transmit second **data frames** and, for each second interface, a sequence of third **data frames** received on the second interfaces, the network access device including a first processing unit to insert the second **data frames** in the first portion of the first **data frames**, **split** each third **data frame** into fragment **frames**, including a part of the respective third **data frame** and reassembly information allowing regeneration of the third **data frame** from the fragment **frames**, and insert the fragment **frames** into the second portions.

Classifications:

International (IPC 8-9): H04L12/46 H04L12/805 H04L12/861
H04L12/911 H04L29/08 (Advanced/Invention);
H04L12/40 (Advanced/Non-invention)
CPC: H04L49/9057 H04L67/12 H04L47/826 H04L12/46
H04L2012/4028 H04L47/36



Family:

Publication number	Publication date	Application number	Application date
EP3166261 A1	20170510	EP20150193763	20151109
US2017134312 AA	20170511	US20160347446	20161109

Priority:

EP20150193763 20151109

Probable Assignee: AIRBUS OPERATIONS GMBH

Assignee(s): (std): AIRBUS OPERATIONS GMBH

Inventor(s): (std): HEITSCH HOLGER ; HOLLANDER JENS ; KLIEM DANIEL ; WAGNER MARTIN

Agent(s): BIRD AND BIRD LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: METHOD AND APPARATUS FOR SCHEDULING TRANSACTIONS IN A MULTI-SPEED BUS ENVIRONMENT

Abstract: Systems and methods schedule periodic and non-periodic transactions in a multi-speed bus environment that includes in a downstream hub a **data** forwarding component, such as a USB transaction translator, which accommodates communication speed shifts at the hub. The method may comprise receiving a **split** packet request defining a transaction with a device, tagging the request with an identifier allocated to the **data** forwarding component, storing the request in a transaction list associated with the identifier, initiating transfer of **payload data**, and updating a counter associated with the identifier to reflect an amount of **payload data** for which transfer was initiated. The identifier may have associated therewith a counter for tracking a number of bytes-in-progress to the **data** forwarding component and one or more transaction lists configured to store a plurality of **split** packet requests awaiting execution and state information regarding an execution status of the requests.

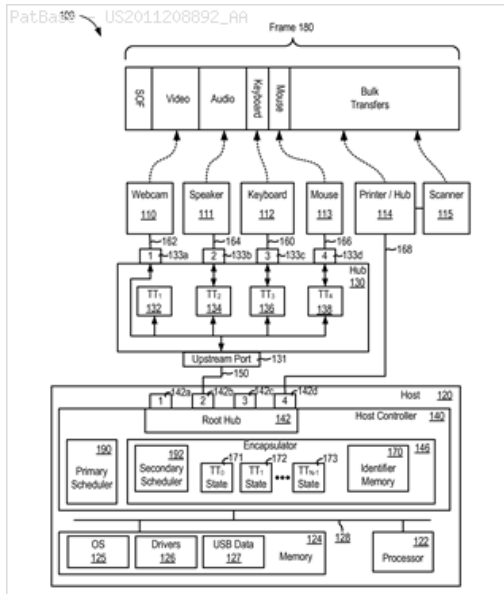
Classifications:**International (IPC 8-9):** G06F13/20 G06F13/22 G06F13/362

G06F13/42 (Advanced/Invention);

G06F13/20 G06F3/06 (Advanced/Non-invention)

CPC: G06F13/22 G06F13/3625 G06F13/4221 G06F13/4226

G06F3/0659 G06F13/28 G06F13/385 Y02D10/14 Y02D10/151

US: 710/105 710/107 710/109 710/110 710/113 710/117 710/17
710/220 710/308 710/310 710/311 710/313 710/313P 710/46 710/6**Family:**

Publication number	Publication date	Application number	Application date
US2011208892 AA	20110825	US20110032240	20110222
US8521930 BA	20130827	US20110190237	20110725
US8521934 BA	20130827	US20110035875	20110225
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Priority:

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US20110035875 20110225	US20110446913P 20110225	US20110190237 20110725

Probable Assignee: FRESKO LOGIC INC**Assignee(s):** (std): FRESKO LOGIC INC ; MEYERS CHRISTOPHER MICHAEL ; NI JIE**Inventor(s):** (std): MEYERS CHRISTOPHER MICHAEL ; NI JIE**Agent(s):** STOEL RIVES LLP

Title: WATERMARKING

Abstract: A watermarking system and method is proposed for still or moving pictures in which a watermark is embedded robustly and simply into DC-values, but without causing unacceptable visible picture degradation. The watermark is secure and can be readily detected, and the method can be used to convey additional **data**. Also disclosed is a method for watermarking a sequence of pictures in which the visibility of artifacts is reduced. The watermark may carry **data** and may be used to label a programme.

Classifications:

International (IPC 8-9): F16L37/091 G06K9/00 G06T1/00 H04N1/32 H04N5/913 H04N7/26 H04N7/32 (Advanced/Invention);

H04N7/26 (Advanced/Non-invention);

F16L37/00 G06K9/00 G06T1/00 H04N1/32 H04N5/913 H04N7/26

H04N7/32 (Core/Invention);

H04N (Subclass/Invention)

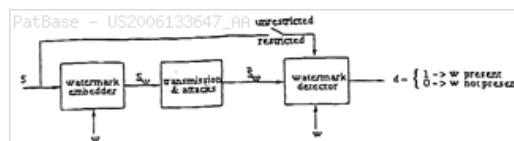
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H01J37/317 H04N H04N1/32 H04N5/913 H04N7/32

CPC: G06T1/00 H04N1/32 H04N19/467 F16L37/0915

European: F16L37/091 H04N7/26E10

US: 375/E07.089 375/E7.089 382/100 713/176

**Family:**

Publication number	Publication date	Application number	Application date
AT270019 E	20040715	AT20000911090T	20000320
AU200033084 A1	20001004	AU20000033084	20000320
AU200033084 A5	20001004	AU20000033084D	20000320
CA2300730 AA	20000919	CA20002300730	20000315
CA2368136 AA	20010918	CA20002368136	20000320
DE60011773 D1	20040729	DE20006011773	20000320
DE60011773 T2	20050707	DE20006011773T	20000320
EP1039204 A2	20000927	EP20000301979	20000310
EP1039204 A3	20010912	EP20000301979	20000310
EP1195047 A1	20020410	EP20000911090	20000320
EP1195047 B1	20040623	EP20000911090	20000320
EP1460829 A2	20040922	EP20040010289	20000320
EP1460829 A3	20050126	EP20040010289	20000320
EP1465403 A2	20041006	EP20040010288	20000320
EP1465403 A3	20050126	EP20040010288	20000320
EP1465404 A2	20041006	EP20040010290	20000320
EP1465404 A3	20050126	EP20040010290	20000320
EP1465405 A2	20041006	EP20040010291	20000320
EP1465405 A3	20050119	EP20040010291	20000320
GB199930353 A0	20000209	GB19990030353	19991222
GB200005661 A0	20000503	GB20000005661	20000310
GB200006696 A0	20000510	GB20000006696	20000320
GB200314626 A0	20030730	GB20030014626	20000320
GB200314630 A0	20030730	GB20030014630	20000320
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GB2348071 A1	20000920	GB19990030353	19991222
GB2348071 B2	20031105	GB19990030353	19991222
GB2349930 A1	20001115	GB20000005661	20000310
GB2351409 A1	20001227	GB20000006696	20000320
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GB2386279 A1	20030910	GB20030014626	20000320
GB2386279 B2	20040128	GB20030014626	20000320
GB2386495 A1	20030917	GB20030014630	20000320
GB2386495 B2	20031029	GB20030014630	20000320
GB2388740 A1	20031119	GB20030019818	20000320
GB2388740 B2	20040128	GB20030019818	20000320
GB9906229 A0	19990512	GB19990006229	19990319
GB9906299 A0	19990512	GB19990006299	19990318
GB9926530 A0	20000112	GB19990026530	19991109
GB9930353 A0	20000209	GB19990030353	19991222
IL145469 A0	20020630	IL20000145469	20000320
US2006133647 AA	20060622	US20060328413	20060110
US7130443 BA	20061031	US20020936816	20020104
WO0056058 A1	20000921	WO2000GB01033	20000320

Priority:

GB19990006299	19990318	GB19990006229	19990319	GB19990026530	19991109
GB19990030353	19991222	CA20002300730	20000315	EP20000911090	20000320
WO2000GB01033	20000320	GB20000006696	20000320	US20020936816	20020104
US20060328413	20060110				

Probable Assignee: BRITISH BROADCASTING CORP

Assignee(s): (std): BRITISH BROADCASTING CORP ; DELTA CAPILLARY PROD LTD ; WERNER OLIVER HARTWIG ; MASON ANDREW JAMES ; SALMON RICHARD AUBREY

Assignee(s): DELTA CAPILLARY PRODUCTS LTD ; BRITISH BROADCASTING CORP LONDON ; DARWIN RICHARD PAUL

Inventor(s): (std): MASON ANDREW J ; MASON ANDREW JAMES ; MASON JAMES ; DARWIN RICHARD PAUL ; SALMON AUBREY ; SALMON RICHARD A ; SALMON RICHARD AUBREY ; WERNER OLIVER H ; WERNER OLIVER HARTWIG

Inventor(s): ANDREW JAMES MASON ; SALMON RICHARD ; MASON ANDREW ; OLIVER HARTWIG WERNER ;
RICHARD AUBREY SALMON ; RICHARD PAUL DARWIN

Agent(s): MACRAE AND CO; FETHERSTONHAUGH AND CO; MCDERMOTT WILL AND EMERY LLP

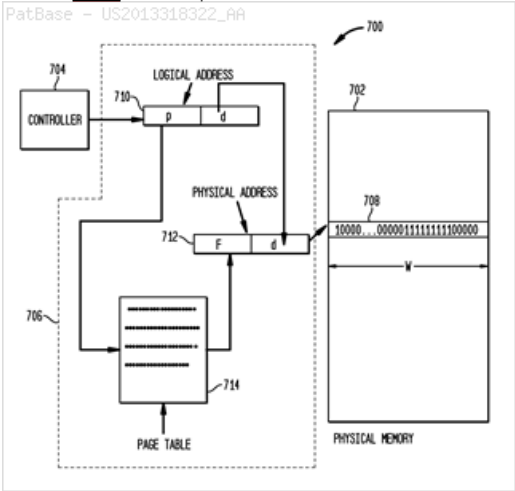
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ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS
LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD
TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: MEMORY MANAGEMENT SCHEME AND APPARATUS

Abstract: A memory management apparatus includes a first controller adapted to receive an input **data** sequence including one or more **data frames** and operative: to separate each of the **data frames** into a **payload data** portion and a header portion; to store the **payload data** portion in at least one available memory location in a physical storage space; and to store in a logical storage space the header portion along with at least one associated index indicating where in the physical storage space the corresponding **payload data** portion resides. The apparatus further includes a second controller operative, as a function of a **data** read request, to access the physical storage space using the header portion and associated index from the logical storage space to retrieve the corresponding **payload data** portion and to combine the header portion with the **payload data** portion to generate a response to the **data** read request.

Classifications:

International (IPC 8-9): G06F12/06 (Advanced/Invention)
CPC: G06F3/061 G06F3/0631 G06F3/0665 G06F3/0689 G06F3/0644
US: 711/172 711/E12.078



Family:

Publication number	Publication date	Application number	Application date
US2013318322 AA	20131128	US20120481903	20120528

Priority:

US20120481903 20120528

Probable Assignee: LSI CORP

Assignee(s): (std): CHOUDHURY DEBJIT ROY ; DAS DIPANKAR ; REDDY ASHANK ; LSI CORP ; SHETTY VARUN
Assignee(s): DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS ; AGERE SYSTEMS LLC ; AVAGO TECHNOLOGIES GENERAL IP SINGAPORE PTE LTD
Inventor(s): (std): CHOUDHURY DEBJIT ROY ; DAS DIPANKAR ; REDDY ASHANK ; SHETTY VARUN

Title: METHOD, APPARATUS AND SYSTEM FOR TRANSPORTING MULTI-LANE ETHERNET SIGNAL

Abstract: Methods, apparatuses and systems for transporting multi-lane Ethernet signal are disclosed. The method primarily includes utilizing a plurality of timeslot channels and justification bytes configured in the OPUk-Xv to build up multiple virtually concatenated transport lanes; and transporting a lane of independent Ethernet **data** via each lane in the multiple transport lanes. Such schema allows to transparently transport multi-lane Ethernet signal over OTN and **addresses** the uncontrollability of the time delay occurred when multi-lane Ethernet signal traverse over OTN. In addition, the problem that the frequency offset does not fit the IEEE definition of the Ethernet interface is solved.

Classifications:

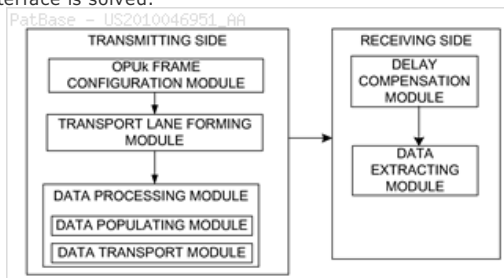
International (IPC 8-9): G01R31/08 H04J14/08 H04J3/07 H04J3/16 H04L12/28 H04L12/56 H04L12/66 (Advanced/Invention);

H04J14/08 H04J3/16 (Core/Invention)

CPC: H04J3/07 H04J3/1658 H04J2203/0085 H04J2203/0094 H04L12/66

European: H04J3/07 H04J3/16A6A H04L12/66 T04J203/00C 18P2 T04J203/00C20V

US: 370/253 370/437 398/98 398/98P



Family:

Publication number	Publication date	Application number	Application date
CN101267386 A	20080917	CN200710086781	20070315
CN101267386 B	20111207	CN200710086781	20070315
EP2107705 A1	20091007	EP20080715217	20080312
EP2107705 A4	20100428	EP20080715217	20080312
EP2107705 B1	20160831	EP20080715217	20080312
US2010046951 AA	20100225	US20090559696	20090915
US8305925 BB	20121106	US20090559696	20090915
WO08110119 A1	20080918	WO2008CN70481	20080312

Priority:

CN200710086781 20070315 WO2008CN070481 20080312 WO2008CN70481 20080312

Probable Assignee: HUAWEI TECHNOLOGIES CO LTD

Assignee(s): (std): DONG LIMIN ; HUAWEI TECH CO LTD ; WU QIUYOU

Assignee(s): HUAWEI TECHNOLOGIES CO ; HUAWEI TECHNOLOGIES CO LTD

Inventor(s): (std): DONG LIMIN ; LIMIN DONG ; QIUYOU WU ; WU QIUYOU

Agent(s): PFENNING MEINIG AND PARTNER GBR; PFENNING MEINIG AND PARTNER MBB; HUAWEI TECHNOLOGIES CO LTD C O DARBY AND DARBY PC; STAAS AND HALSEY LLP; BEIJING CATALY IP ATTORNEY AT LAW

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 SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DATA PROCESSING METHOD AND APPARATUS

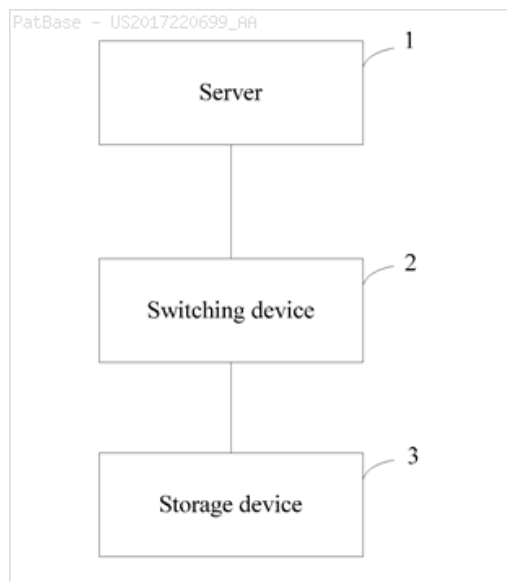
Abstract: The application provides a data writing/reading method. A switching device receives a key-value packet from a server, acquires a partition number, queries a partition view to obtain a storage disk address corresponding to the partition number, and converts the key-value packet into a storage disk packet by changing a destination address of the key-value packet to the storage disk address. The switching device sends the storage disk packet to a storage disk corresponding to the storage disk address.

Classifications:

International (IPC 8-9): G06F17/30 G06F3/06

H04L29/08 (Advanced/Invention)

CPC: H04L67/1097 G06F17/30979 G06F17/30 G06F3/061
G06F3/0635 G06F3/0644 G06F3/067



Family:

Publication number	Publication date	Application number	Application date
CN106164898 A	20161123	CN201480075499	20141011
EP3196776 A1	20170726	EP20140903664	20141011
EP3196776 A4	20171018	EP20140903664	20141011
US2017220699 AA	20170803	US20170484152	20170411
WO16054818 A1	20160414	WO2014CN088351	20141011

Priority:

WO2014CN088351 20141011 WO2014CN88351 20141011 US20170484152 20170411

Probable Assignee: HUAWEI TECHNOLOGIES CO LTD

Assignee(s): (std): HUAWEI TECH CO LTD ; HUAWEI TECHNOLOGIES CO LTD

Assignee(s): HUAWEI TECHNOLOGIES COLTD ; HUAWEI TECHNOLOGIES CO

Inventor(s): (std): LUO XIONG

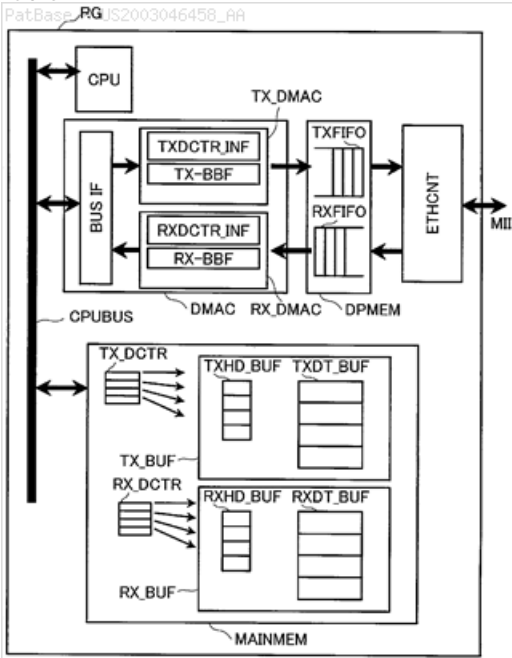
Agent(s): KREUZ GEORG MARIA

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: DATA TRANSFER EQUIPMENT AND ALIGNER INCLUDED IN DATA TRANSFER EQUIPMENT

Abstract: The present invention provides a communication controller of a higher rate, which enables a data transfer at the maximum bus width if an inconsistency of data alignment is present, when DMA transferring a communication frame with its header and payload data into respective exclusive memory space. To achieve this, an aligner ALIGN is provided on the bus between the DMA controller and the main memory MAINMEM. The aligner ALIGN is comprised of a selector RXSEL for selecting 32 bits of data from the register RX_REG for storing data of previous writing and from the DMAC data bus to output data to the bus of main memory MAINMEM, a selector TXSEL for selecting 32 bits of data from the register TXREG for storing data of previous reading and from the CPU data bus to output data to the DMA bus, an inconsistent alignment detector circuit ALGN_CHK for detecting the inconsistency of alignment to determine the signal lines to be selected by the selector, and an address generator ADR_CNV for generating address signals for the CPU from the address signals of the DMAC. Since transfer at the maximum bus width is enabled even when the inconsistency of alignment is present, transfer may be performed in the time and number half of the conventional controller.

Classifications:
International (ipc 8-9): G06F13/28 G06F13/38 G06F13/40 H04L13/08 (Advanced/Invention);
G06F13/20 G06F13/38 G06F13/40 H04L13/08 (Core/Invention)
International (ipc 1-7): G06F13/28 G06F13/38 H04L13/08
CPC: G06F13/28 G06F13/4009
European: G06F13/28 G06F13/40D1
US: 710/22



Family:

Publication number	Publication date	Application number	Application date
JP2003067321 A2	20030307	JP20010258343	20010828
US2003046458 AA	20030306	US20020175320	20020620

Priority:
JP20010258343 20010828

Probable Assignee: RENESAS ELECTRONICS CORP

Assignee(s): (std): HITACHI LTD ; MORISHIMA KENTA

Assignee(s): RENESAS ELECTRONICS CORP ; RENESAS TECHNOLOGY CORP

Inventor(s): (std): MORISHIMA KENTA

Title: MULTI-SIGNAL TRANSMIT ARRAY WITH LOW INTERMODULATION

Abstract: A transmitter is provided for simultaneously transmitting a plurality of signals in a plurality of directive beams to corresponding destination stations, each destination station located in a separate fan within a service area. The transmitter includes a plurality of beamformers, each beamformer receiving one of the signals to be transmitted to an associated fan, each of the beamformers having a plurality of outputs for each different signal to be transmitted. A plurality of Butler matrices each receive one of the plurality of outputs from the plurality of beamformers for each different signal to be transmitted, each Butler matrix having a plurality of outputs in phased relationship to one another, wherein each of the signals to be transmitted is simultaneously provided across the outputs of each Butler matrix in a phased relationship. An antenna is provided with an aperture within which a two-dimensional array of antenna elements are disposed, wherein equal fractions of adjacent antenna elements are connected to the outputs of each Butler matrix, and wherein each of the plurality of signals are simultaneously transmitted by the entire two-dimensional array of antenna elements. Each of the plurality of beamformers receives steering control signals for steering the direction of each beam within its respective fan.

Classifications:

International (IPC 8-9): H01Q21/06 H01Q25/00 H01Q3/40

H04L12/28 (Advanced/Invention);

H01Q25/00 (Advanced/Non-invention);

H01Q21/06 H01Q25/00 H01Q3/30 H04L12/28 (Core/Invention)

International (IPC 1-7): H01Q21/29 H01Q25/00 H01Q3/26 H01Q3/40

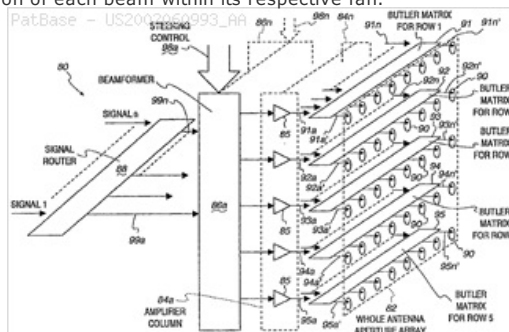
H04B7/185 H04B7/204 H04B7/212 H04B71/85 H04B72/04 H04J3/04

H04L12/28 H04L12/56

CPC: H01Q3/40 H01Q21/061 H01Q25/00

European: H01Q21/06B H01Q25/00 H01Q3/40

US: 342/354 342/367 342/373 370/252 370/321 370/347 370/395.4 370/411 370/412 455/125

**Family:**

Publication number	Publication date	Application number	Application date
AU199928747 A1	19991025	AU19990028747	19990224
AU755338 B2	20021212	AU19990028747	19990224
BRPI9909505 A	20001212	BR1999PI09505	19990224
CN1304567 A	20010718	CN19998007081	19990224
EP1070367 A2	20010124	EP19990909572	19990224
ID27433 A	20010412	ID20000002004	19990224
KR20010042520 A	20010525	KR20007011154	19990224
TH38771 A	20000621	TH19991000904	19990318
US2002060993 AA	20020523	US20010012141	20011113
US2002080066 AA	20020627	US20010007244	20011113
US6377558 BA	20020423	US19980055490	19980406
US7027454 BB	20060411	US20010007244	20011113
WO9952181 A2	19991014	WO1999US03964	19990224
WO9952181 A3	20000420	WO1999US03964	19990224

Priority:

US19980055490 19980406 WO1999US03964 19990224 US20010007244 20011113
US20010012141 20011113

Probable Assignee: ERICSSON INC

Assignee(s): (std): DENT PAUL W ; ERICSSON INC ; ERICSSON INC

Inventor(s): (std): DENT PAUL ; DENT PAUL W ; PAUL DENT ; PAUL W DENT ; PW DENT ; DENT P W

Inventor(s): P W DENT

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; COATS AND BENNETT PLLC

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI 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 SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

Title: DSP PLATFORM FOR DIGITAL CELLULAR MOBILE RADIO COMMUNICATION SYSTEMS

Abstract: To increase the applicability of digital signal processing platforms it is proposed to operate a digital signal processing platform under control of a control unit (22) adapted to operate the digital signal processing platform (14) in a first mode to access both a circuit-switched network (10) and a packet-switched network (12), or to operate the digital signal processing platform (14) in a second mode to access the circuit-switched network (19) only, or to operate the digital signal processing platform (14) in a third mode to access the packet-switched network (12) only.

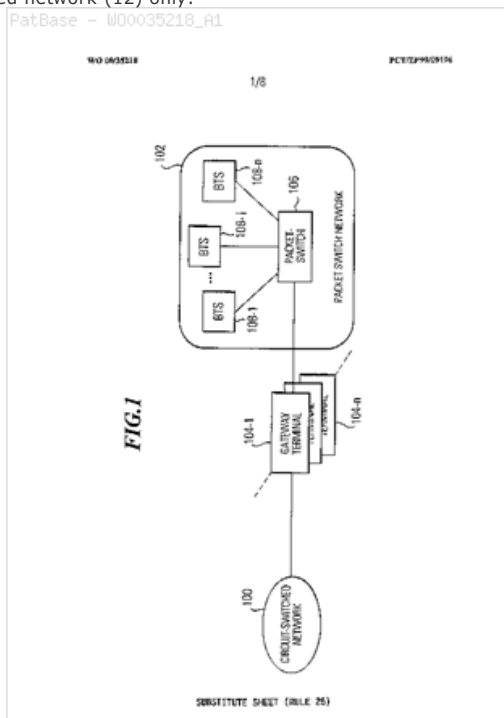
Classifications:

International (IPC 8-9): H04W88/16 (Advanced/Invention);
H04W88/16 H04W92/02 (Advanced/Non-invention)

International (IPC 1-7): H04Q7/22 H04Q7/30

CPC: H04W88/16 H04W92/02

European: H04W288/16 H04W52/10 T04W292/02 T04W54/02
T04W92/02

**Family:**

Publication number	Publication date	Application number	Application date
AU200018604 A1	20000626	AU20000018604	19991126
AU200018604 A5	20000626	AU20000018604	19991126
EP1006742 A1	20000607	EP19980123167	19981204
EP1135941 A1	20010926	EP19990962168	19991126
WO0035218 A1	20000615	WO1999EP09196	19991126

Priority:

EP19980123167 19981204 EP19990962168 19991126 WO1999EP09196 19991126

Probable Assignee: ERICSSON TELEFON AB L M

Assignee(s): (std): ERICSSON TELEFON AB L M ; ERICSSON TELEFON L M AB

Assignee(s): TELEFONAKTIEBOLAGET L M ERICSSON ; TELEFONAKTIEBOLAGET L M ERICSSON PUBL ;
TELEFONAKTIEBOLAGET LM ERICSSON ; TELEFONAKTIEBOLAGET LM ERICSSON PUBL

Inventor(s): (std): MAHKONEN ARTO

Inventor(s): ARTO MAHKONEN

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES
FI FR GA GB GD GE GH GM GN 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 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 UZ VN YU ZA ZW

Title: **Data** interleaving method

Abstract: **Data** packets are transmitted over a communications link in an interleaved manner. The link comprises a series of time-division multiplexed (TDM) **frames**, each **frame** comprising a plurality of time slots, a time slot being shorter than a **data** packet. **Data** packets are transmitted over a series of the TDM **frames**, one time slot in each of the series of **frames** being used to transmit a portion of that **data** packet. Different ones of the **data** packets begin in different TDM **frames**. Received **data** packets are allocated a modified header for use over the communications link. The modified header has a shorter **address** than the **address** in the received packet header and the modified header can be **split** into a plurality of parts which are distributed across the length of the transmitted packet. Error protection for the modified header can also be distributed across the length of the transmitted packet and is preferably spaced, within the transmitted packet, from the other parts of the modified header by **payload** parts of the packet.

Classifications:

International (IPC 8-9): H04L1/00 H04L12/56 (Advanced/Invention);

H04L1/00 H04L12/56 (Core/Invention)

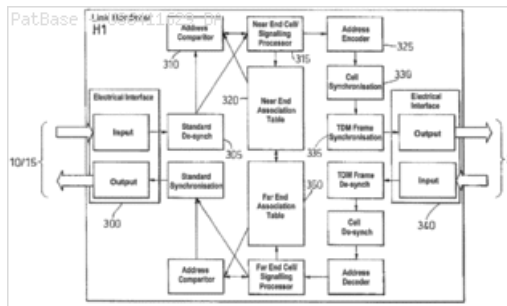
International (IPC 1-7): H04L12/43

CPC: H04L1/0083 H04L12/5601 H04L2012/5607 H04L2012/5627

European: H04L1/00F2 H04L12/56A T04L12/56A12C

T04L12/56A4B3

US: 370/392 370/395 370/395.6 370/397 370/458 370/522



Family:

Publication number	Publication date	Application number	Application date
US6411629 BA	20020625	US19980222557	19981229

Priority:

US19980222557 19981229

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

Assignee(s): (std): NORTHERN TELECOM LTD

Assignee(s): ROCKSTAR BIDCO LP ; MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; NORTEL NETWORKS CORP ; NORTEL NETWORKS LTD ; NORTHERN TELECOM LIMITED

Inventor(s): (std): BENTALL MARK ; CHARLESWORTH PHILIP

Title: BEARER MOBILITY AND **SPLITTING** IN A RADIO ACCESS NETWORK-BASED, 3RD GENERATION PARTNERSHIP PROJECT NETWORK HAVING AN INTEGRATED WIRELESS LOCAL AREA NETWORK

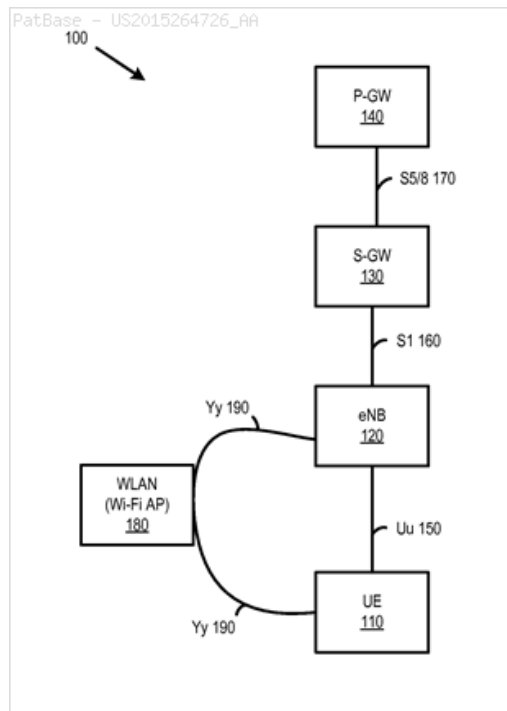
Abstract: A wireless local area network (WLAN) point-to-point communications link between an evolved universal terrestrial radio access network node B (eNB) and a user equipment device (or simply UE) is identified by UE/eNB media access control (MAC) identifiers on a per UE or per **data** radio bearer (DRB) basis for offloading cellular **data** from a long term evolution (LTE) link to the WLAN point-to-point communications link. A wireless local area network tunneling protocol (WLTP) includes packet formats and network protocol stack arrangements to support functions facilitated by the WLAN point-to-point communications link, such as, for example, identification of control and **data** traffic messages, DRB identification for WLTP packets, quality of service (QoS) delay and packet loss measurement, support of bearer **splitting**, and support of a general framework for offloading cellular traffic at different depths of the 3rd Generation Partnership Project (3GPP) network protocol stack.

Classifications:

International (IPC 8-9): H04W28/02 H04W28/06 H04W28/08 H04W4/00 H04W72/04 H04W76/02 H04W76/11 H04W76/15 H04W80/04 H04W84/12 H04W88/02 H04W88/06 H04W88/10 H04W92/10 (Advanced/Invention)

CPC: H04W28/0205 H04W28/06 H04W72/042 H04W28/08 H04W28/065 H04W84/12 H04W88/06 H04W88/10 H04W92/10 H04W76/11 H04W76/16

US: 370/329



Family:

Publication number	Publication date	Application number	Application date
BR112016018660 A2	20170808	BR20161118660	20150211
CN105981431 A	20160928	CN201580007613	20150211
CN107592653 A	20180116	CN201710595944	20150211
EP3117658 A1	20170118	EP20150762046	20150211
EP3117658 A4	20180321	EP20150762046	20150211
IN201647025508 A	20160831	IN201647025508	20160726
JP2017513261 T2	20170525	JP20160549455T	20150211
KR101834107 B1	20180413	KR20167021994	20150211
KR20160108472 A	20160919	KR20167021994	20150211
US2015264726 AA	20150917	US20140583172	20141225
US2017215173 AA	20170727	US20160394954	20161230
US9596707 BB	20170314	US20140583172	20141225
WO15138075 A1	20150917	WO2015US15403	20150211

Priority:

US20140952777P 20140313 US20140583172 20141225 CN201580007613 20150211
WO2015US15403 20150211 US20160394954 20161230

Probable Assignee: INTEL CORP

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Title: SECURE DIGITAL COURIERING SYSTEM AND METHOD

Abstract: A digital couriering system and method for electronically moving records and images through a central user interface with a centralized security and access mechanism is disclosed. The disclosed system and method is a network that makes it possible for records comprising personal information and other non-personal information to be delivered in seconds via the Internet, instead of days through the use of the current standard couriers, such as messenger services or regular mail. Using the disclosed system and method, vital documents not only reach their destination more quickly but also in a more cost effective manner.

Classifications:

International (IPC 8-9): G06F17/00 G06F21/00 G06K9/00

G06Q50/00 (Advanced/Invention);

G06F17/00 G06F21/00 (Core/Invention)

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G06Q50/22 G06Q10/06 G06Q50/24 G06F19/321 G06F19/328

G06Q10/10 H04L63/0407 H04L63/0428 H04L63/08 G16H10/60

G06F19/00

European: G06F19/32A G06F19/32C G06Q10/06 G06Q10/10

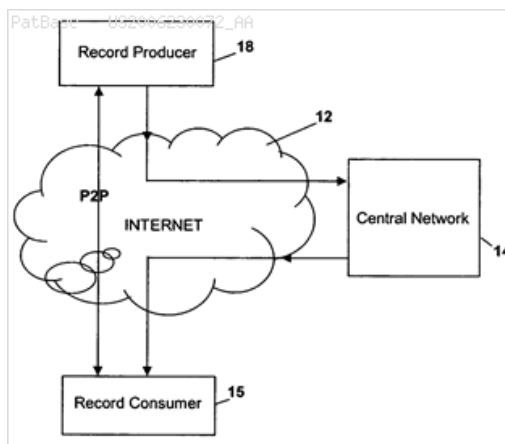
G06Q50/22 G06Q50/24 H04L29/08N1 H04L29/08N27 H04L29/08N27L

H04L29/08N9P H04L29/08N9P1A5T H04L63/04A H04L63/04B

H04L63/08 S06F19/32C S06F19/32H T04L63/04B

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**Family:**

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