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(54) Title: SYSTEM AND METHOD FOR UPDATING INFORMATION FEEDS

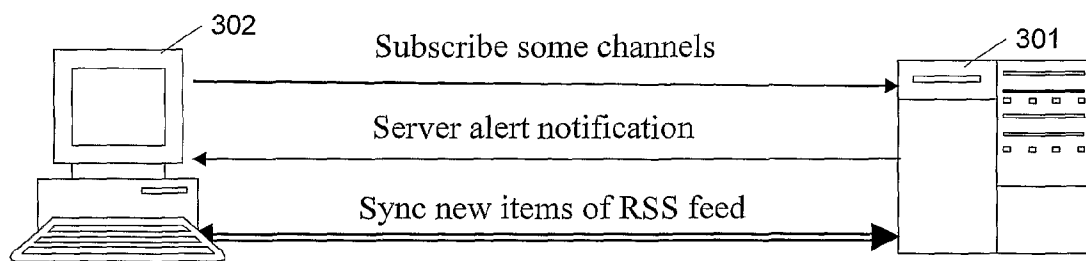


Figure 3

(57) Abstract: Systems and methods for transmitting and updating information feeds from a server (301) to a client (302) are provided to increase bandwidth efficiency and improve the timeliness of information feed updates. Using OMA DS protocols, the updating of RSS feeds, for example, may be performed without having to transfer an entire RSS feed. That is, in some arrangements, only the new RSS items are synchronized with a client (302). A server (301) may alert the client (302) when a new RSS item has been added to an RSS feed. A synchronization session may then be initialized between the server (301) and the client (302). A client may send a synchronization alert to the server (301) identifying the feed or feeds for which synchronization is desired. The server (301) may respond with one or more new items corresponding to the identified feeds. RSS item identification information may further be mapped between the client (302) and the server (301).



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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/052916 A1 (KLOBA DAVID D [US] ET AL) 2 May 2002 (2002-05-02) paragraph [0035] paragraph [0067] - paragraph [0068] paragraph [0101] paragraph [0112] - paragraph [0113] paragraph [0119] paragraph [0129] paragraph [0169] - paragraph [0176] paragraph [0198] - paragraph [0216] ----- -/--	1-17, 22-27

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/003876

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"SyncML Sync Protocol, version 1.1"[Online] 15 February 2002 (2002-02-15), pages 1-62, XP002496227 Retrieved from the Internet: URL: http://www.openmobilealliance.org/tech/affiliates/syncml/syncml_sync_protocol_v1_1_20020215.pdf [retrieved on 2008-09-16] page 8 - page 13	1-17, 22-27
A	US 2003/101235 A1 (ZHANG CHENGLIN [US]) 29 May 2003 (2003-05-29) paragraph [0009] - paragraph [0010] paragraph [0034] paragraph [0045] - paragraph [0050] paragraph [0114] - paragraph [0128] paragraph [0171] paragraph [0307] paragraph [0328] paragraph [0338]	1-17, 22-27
A	WO 2005/024596 A (OBJECTS INC R [US]; ERNEST JOHANNES [US]) 17 March 2005 (2005-03-17) page 56, line 15 - page 58, line 2	1-17, 22-27
A	US 5 946 697 A (SHEN SHIROUPYN [US]) 31 August 1999 (1999-08-31) column 2, line 9 - line 65 claim 1	1-3,7, 10,12, 14,15, 17, 22-24, 26,27

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2007/003876

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-17, 22-27

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-17,22-27

The first group of claims (claims 1-17, 22-27) is directed to detecting, by an information feed server, a new information feed item in an information feed. Then said new information feed item is synchronized between said information feed server and a client, where said server transmits a synchronization package including the new information feed item to the client but not previously-transmitted information feed items.

2. claims: 18-21

The second group of claims (claims 18-21) is directed to client initiated synchronization between a client and a server. The server receives a synchronization package including a new information feed item and a command for updating an information feed to which the new information feed item corresponds. Then a status package indicating an execution status of the synchronization command is received from said server.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2007/003876

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002052916	A1	02-05-2002	NONE	
US 2003101235	A1	29-05-2003	NONE	
WO 2005024596	A	17-03-2005	US 2005086384 A1	21-04-2005
US 5946697	A	31-08-1999	NONE	