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[Continued on next page]

(54) Title: DYNAMIC MEDICAL OBJECT INFORMATION BASE

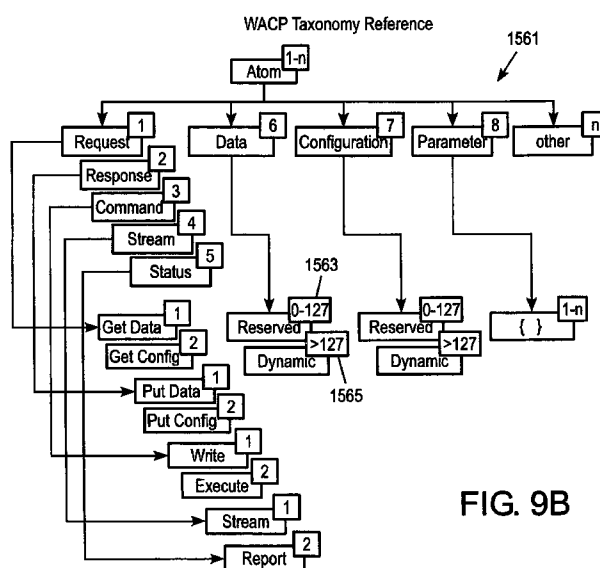


FIG. 9B

(57) **Abstract:** A dynamic medical object information base (DMOIB) is used with a communication protocol. A medical object information base (MOIB) may generally define rules of creation and modification of data defined for use in medical products. A dynamic version of the MOIB adapts to changing data classifications. DMOIB is preferably compatible with non-dynamic MOIB systems. DMOIB preferably reduces code space and simplifies management of software projects. DMOIB may allow for an entirely dynamic system using a discovery/negotiation process for determining full features of a device. DMOIB may also allow for generation of a dynamic interface to handle data from devices.



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A. CLASSIFICATION OF SUBJECT MATTER

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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)

G06F 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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/067210 A (THOMSON LICENSING SA [FR]; HENRY JEAN-BAPTISTE [FR]; FLEURY JEAN-FRANC) 21 July 2005 (2005-07-21) page 1, line 28 - page 3, line 19 page 5, line 4 - page 7, line 15 page 8, line 22 - page 10, line 27 page 13, line 4 - page 13, line 27 page 18, line 8 - page 18, line 24 figures 3-5 ----- -/--	1-37

☒ 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
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- * & * document member of the same patent family

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/021296

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/021296

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/021296

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 407 714 A (KONINKL PHILIPS ELECTRONICS NV [NL]) 14 April 2004 (2004-04-14) the whole document . -----	43-57

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/021296

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.:

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: 1-42

A method of communicating between network devices.

2. claims: 43-57

A method to ease the design, implementation and maintenance of software.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/021296

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