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(54) Title: QUANTITATIVE MEDICAL IMAGING REPORTING

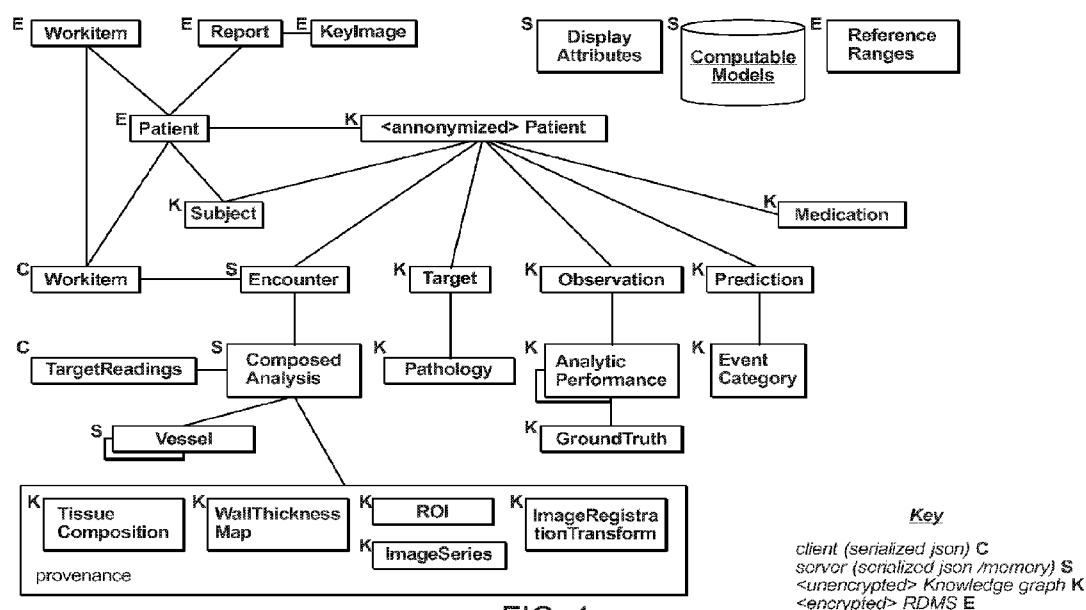


FIG. 1

(57) Abstract: Advanced reporting systems based on ontology development for quantitative imaging biomarkers, information modeling to integrate heterogeneous data types relevant to quantitative medical analysis, and a knowledge representation framework for their statistical validation.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/27 (2018.01)

CPC - G06F 17/2785, G06F 17/274, G06F 17/271, G06F 17/277, G06F 17/2755, G06F 17/30539, G06F 2216/03, G06Q 10/10, G06F 17/30489, G06F 17/30522, G06F 17/30705, G06F 17/30038, G06F 17/30566, G06F 17/30569

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)

See Search History Document

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

See Search History Document

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0105638 A1 (TAIRA) 05 June 2003 (05.06.2003), entire document, especially Fig. 1, 6, 9A, 14; para [0007], [0039], [0040] - [0043], [0045], [0052], [0057], [0060], [0064], [0070], [0076], [0107], [0131], [0133], [0136] - [0138]	1-23
A	US 2009/0259459 A1 (CEUSTERS et al.) 15 October 2009 (15.10.2009), entire document	1-23
A	US 2015/0324527 A1 (NORTHROP GRUMMAN SYSTEMS CORPORATION) 12 November 2015 (12.11.2015), entire document	1-23
A	US 2016/0364630 A1 (MERGE HEALTHCARE INCORPORATED) 15 December 2016 (15.12.2016), entire document	1-23

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