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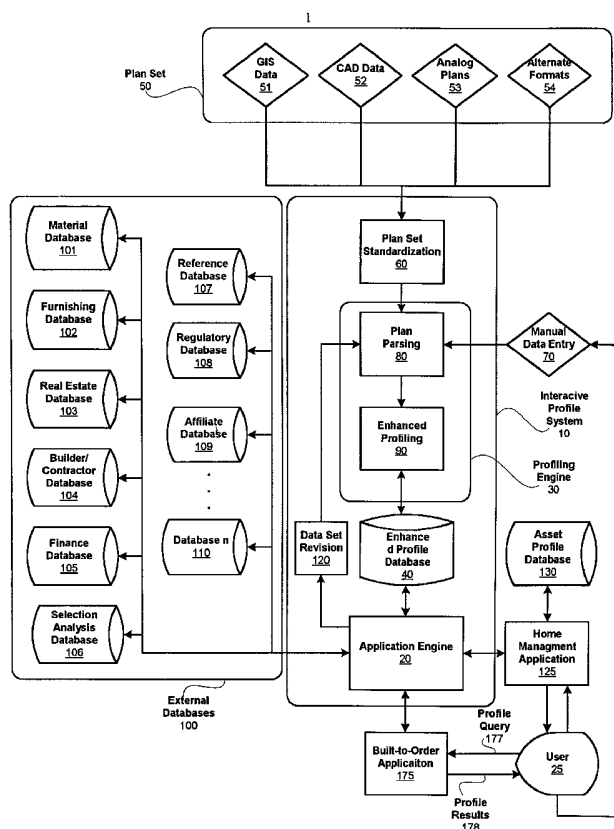
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(54) **Title: METHOD OF INTERACTIVELY PROFILING A STRUCTURE**

(57) **Abstract:** A method for generating an interactive profile of a structure, such as a building, employing an interactive profile system that preferably utilizes an Internet web browser to interface with a user. The interactive profile system includes an application engine embodied in a computer program that is preferably based within a server. A plan set, usually in a CAD format, is received into the interactive profile system, typically submitted by the user of client. The building can be any structure, such as a home, office or warehouse, and can also include the property that the structure occupies. The plan set is converted to a profile data set by the profiling engine. In compliance with an enhanced data protocol, which is a specific format for organizing the profile data set in a standardized array. The profiling engine parses, or extracts, the profile data set to develop and link a plurality of potentially interrelated building. The profiling engine performs a systematic enhancement of the plan set, building upon the elemental physical descriptions of the plan set. Each element of the physical description is functionally analyzed for relational attributes and then expanded and tagged. The user directs a profile query to the application engine of the interactive profile system. The profile query is relatable to the enhanced profile and more specifically relatable to at least one of the plurality of interrelated elements of the building. Typical profile requests can include proposed or actual changes to the building, requests for material listings, and project assessments.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ALSHAWI M ET AL: "An IFC Web-Based Collaborative Construction Computer Environment: WISPER" PROCEEDINGS OF THE INTERNATIONAL CONSTRUCTION IT CONFERENCE, XX, XX, September 1999 (1999-09), pages 8-29, XP002208478 Malaysia page 9, paragraphs 3,4 page 10, paragraph 2 page 11, paragraphs 1-3 page 13, paragraphs 3,4 page 15, paragraph 2 page 17, paragraphs 1-4 page 18, paragraph 2 page 26, paragraph 1 figure 1 figure 3 figure 6</p> <p style="text-align: right;">-/--</p>	1,3-6,8

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>figure 8</p> <p>----</p> <p>JONES B ET AL: "IV '97: interactive visualisation through applied virtual reality in construction" INFORMATION VISUALIZATION, 1997. PROCEEDINGS., 1997 IEEE CONFERENCE ON LONDON, UK 27-29 AUG. 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 27 August 1997 (1997-08-27), pages 166-172, XP010250371 ISBN: 0-8186-8076-8 page 168, column 2, paragraphs 2,3 page 169, column 1, paragraph 1 page 170, column 1, paragraph 4 figure 1</p>	1,4,6
P,X	<p>----</p> <p>FARAJ I ET AL: "An industry foundation classes Web-based collaborative construction computer environment: WISPER" AUTOMATION IN CONSTRUCTION, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 10, no. 1, November 2000 (2000-11), pages 79-99, XP004217664 ISSN: 0926-5805 page 80, column 1, paragraphs 2,3 page 81, column 1, paragraph 1 page 81, column 1, paragraph 2 -column 2, paragraph 1 page 82, column 1, paragraphs 2,3 page 83, column 2, paragraph 2 page 83, column 2, paragraph 5 -page 84, column 2, paragraph 1 page 85, column 2, paragraph 3 page 87, column 1, paragraph 3 -column 2, paragraph 1 figure 1 figure 3 figure 8 figure 19</p> <p>-----</p>	1,3-6,8