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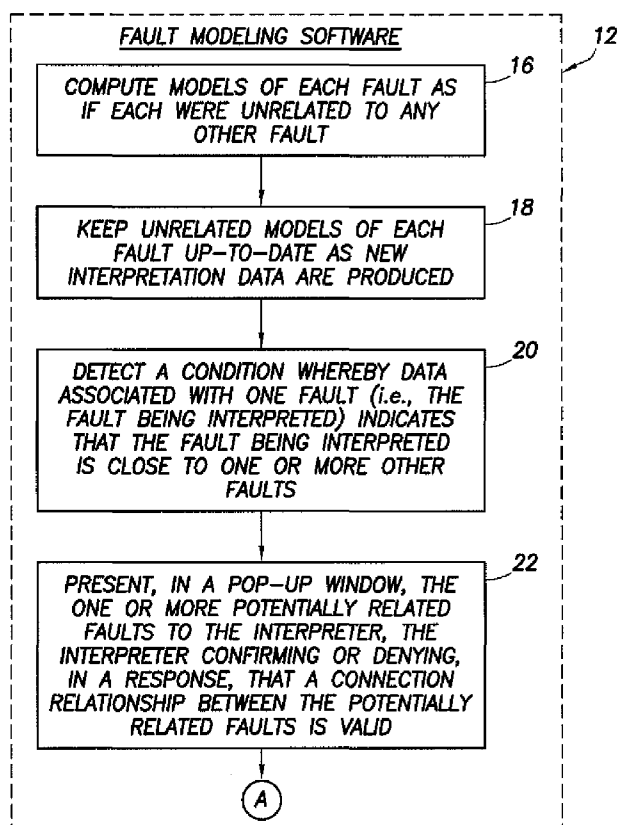
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[Continued on next page]

(54) Title: A METHOD FOR INTERACTIVE AUTOMATION OF FAULT MODELING INCLUDING A METHOD FOR INTELLIGENTLY SENSING FAULT-FAULT RELATIONSHIPS



(57) Abstract: A method is disclosed for sensing fault-fault relationships, comprising: automatically sensing interrelationships among faults, and presenting a final model including a fault-fault intersection curve and one fault truncated at the curve to an interpreter representing the interrelationships among faults.

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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

Korean Utility models and applications for Utility models since 1975

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

IEEE xplore, Google, eKIPASS(KIPO internal) "fault modeling, fault-fault relationship"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- A	US05982707A (ABBOTT) 09 Nov. 1999 See pages 2-3, Fig. 7 and claims.	1-38, 48, 58, 68, 76-81 ----- 39-47, 49-57, 59-67, 69-75
X ----- A	US06014343A (GRAF et al.) 11 Jan. 2000 See pages 3-7, all figures, and claims.	1-38, 48, 58, 68, 76-81 ----- 39-47, 49-57, 59-67, 69-75
A	Rutger Gras, "Automated 3-D software interprets fault systems", Geophysical/Geological Report, World Oil, May, 1998. See the whole document.	1-81



Further documents are listed in the continuation of Box C.



See patent family annex.

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