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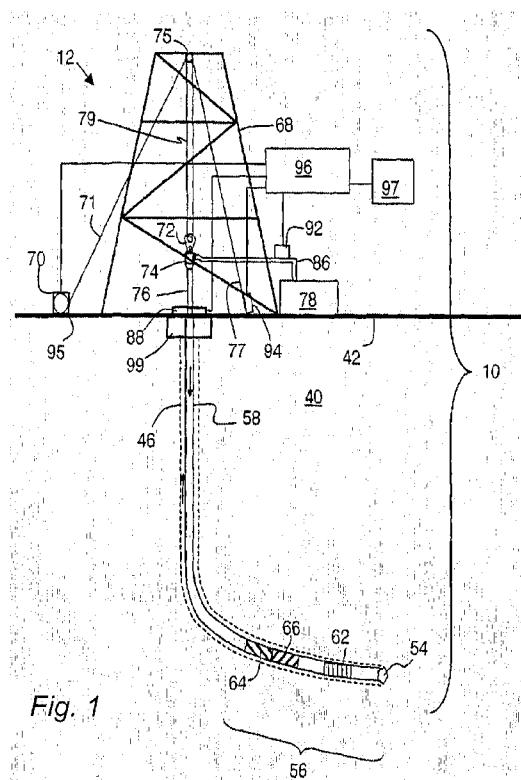
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR AUTOMATING EXPLORATION OF PRODUCTION OF SUBTERRANEAN RESOURCES



(57) Abstract: A method and system for automating exploration and production of subterranean resources, using data collected from exploration and production activities, including drilling rig data and/or the like is described. The method and system include the use of a knowledge representation containing representation of uncertainty in the exploration and production operations.



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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)

IPC: E21B 44/00; E21B 44/02; G01V 1/40; G06N 5/00; G06N 7/02

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

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: oilfield operation, automated system, ontology

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01-98631 A1 (BAKER HUGHES INCORPORATED) 27 December 2001 See the abstract; figures 1-3; and claims 1-9	1-33
A	US 2007-0094216 A1 (KEITH EUGENE MATHIAS et al.) 26 April 2007 See the abstract; figures 1-7; and claims 1-20	1-33
A	US 2008-0156531 A1 (SCOTT BOONE et al.) 03 July 2008 See the abstract; figures 1-8; and claims 1-17	1-33
A	US 2003-0220742 A1 (MICHAEL NIEDERMAYR et al.) 27 November 2003 See the abstract; figures 1-6; and claims 1-152	1-33
A	US 2008-0071714 A1 (BARRY J. MENICH et al.) 20 March 2008 See the abstract; figures 1-10; and claims 1-17	1-33



Further documents are listed in the continuation of Box C.



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"&" document member of the same patent family

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Information on patent family members

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