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[Continued on next page]

(54) Title: METHOD FOR SELECTING WELL MEASUREMENTS

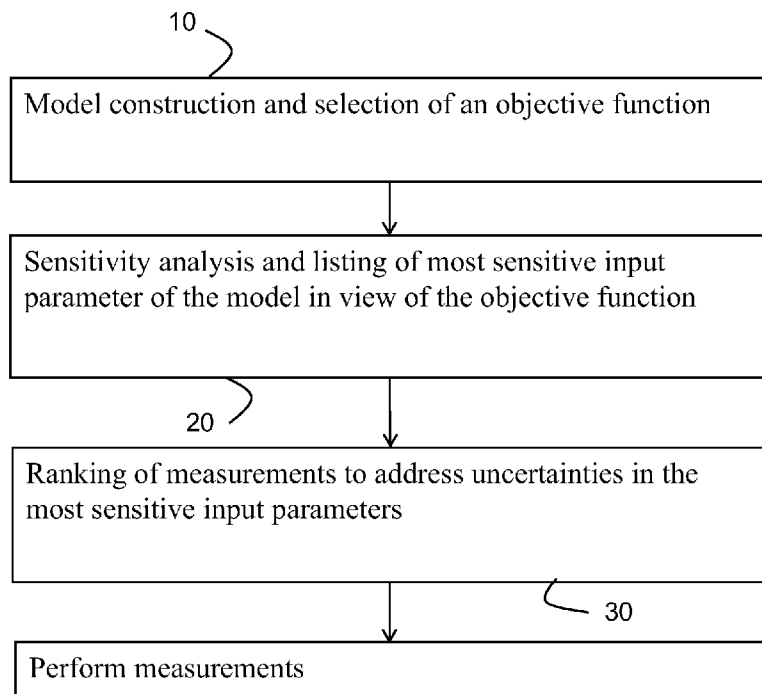


Fig. 1

(57) **Abstract:** A method of determining a selection of well measurements and/or their respective control parameters is described based on a global target having predetermined sensitivities to a multitude of uncertainties associated with input variables to a model including the step of ranking measurements and control parameters in accordance with their capability to reduce the uncertainties of input variables identified as most sensitive input variables through simulations using the model or a reduced variant of the model.

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B. FIELDS SEARCHED

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Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

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eKOMPASS(KIPO internal) & keywords: objective function, uncertainty, sensitivity, and model

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007-179768 A1 (CULLICK, A.S.; JOHNSON, W.D.) 02 August 2007 See abstract; figures 1-3; paragraphs 6-8 and 12-36; claims	1, 5-9, 12-13
A	US 07054752 B2 (ZABALZA-MEZGHANI, I. et al.) 30 May 2006 See abstract; figures 1-7; column 2 line 66-column 7 line 34; claims.	1-13
A	US 2003-225606 A1 (RAGHURAMAN, B.; COUET, B.) 04 December 2003 See abstract; figures 1(a)-6; paragraphs 27-68; claims	1-13
A	US 05148365 A1 (DEMBO, R.S.) 15 September 1992 See abstract; figures 1-5D; column 2 line 43-column 13 line 68; claims.	1-13
A	US 2005-0096893 A1 (FERAILLE, M. et al.) 05 May 2005 See abstract; figures 1-4; paragraphs 25-78; claims	1-13

 Further documents are listed in the continuation of Box C. See patent family annex.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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