9805731-8
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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G06F 19/00 — A1

(11) International Publication Number: WO 97/44751

(43) International Publication Date: 27 November 1997 (27.11.97)

(21) International Application Number: PCT/US97/08244

(22) International Filing Date: 15 May 1997 (15.05.97)

(30) Priority Data:
08/649,295 17 May 1996 (17.05.96) US

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(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: PRESENTATION AND INTERPRETATION OF SEISMIC DATA

(57) Abstract

The invention relates to a method of presentation and interpretation of three-dimensional seismic data (90). In particular, the invention relates to a method and apparatus for identifying volumetric subterranean regions bounded by a surface in which a specific seismic characteristic has a constant value. In one embodiment, three-dimensional seismic data (90) for a subterranean volume (60) is provided as input to a computer program (94) for performing "iso-surface" processing of the data (90). This results in a graphical representation (Figure 5) of three-dimensional sub-volumes (60, 70) whose boundaries are defined by surfaces (62, 64) in which a specific seismic characteristic has constant value.

