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(71) Applicant (for all designated States except US): **HAL-LIBURTON ENERGY SERVICES, INC.** [US/US];
10200 Bellaire Boulevard, Houston, Texas 77072 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GLEITMAN, Daniel D.** [US/US]; 637 Corlandt Street, Houston, Texas 77077 (US). **SCHULTZ, Roger L.** [US/US]; 4792 Red

Oak Circle, Aubrey, Texas 76227 (US). **PIPKIN, Robert L.** [US/US]; HC 64, Box 22D, Marlow, Oklahoma 73055 (US).

(74) Agents: **GRISWOLD, Joshua A.** et al.; Fish & Richardson P.C., P.o. Box 1022, Minneapolis, Minnesota 55440-1022 (US).

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(54) Title: DETECTING ACOUSTIC SIGNALS FROM A WELL SYSTEM

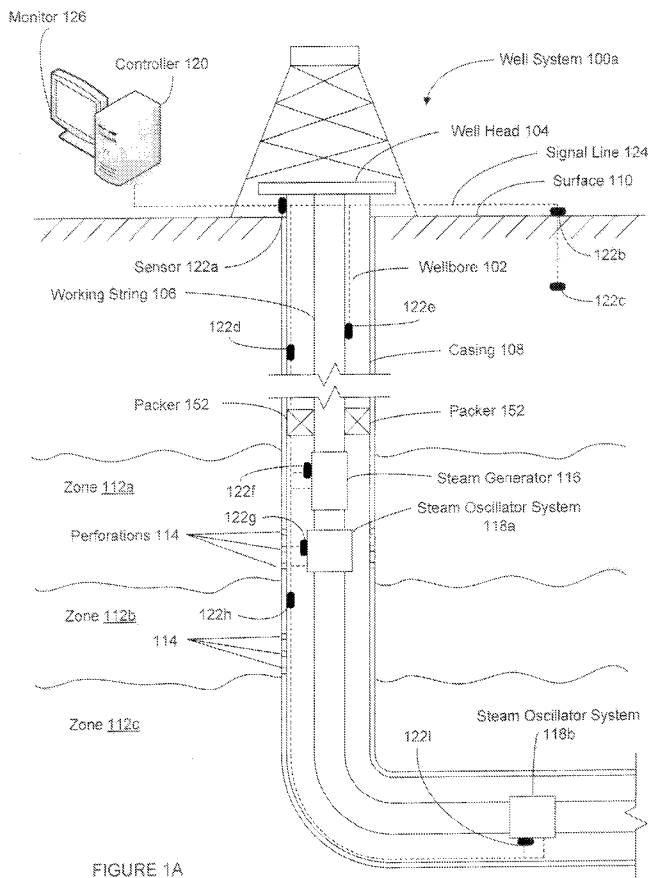


FIGURE 1A

(57) Abstract: A heated fluid injection string (106) injects heated treatment fluid into a well (102) in a subterranean zone (112) and generates an acoustic signal. An acoustic detector (212) detects the acoustic signal, and an acoustic signal analyzer (214) interprets the detected acoustic signal. In some implementations, the acoustic signal analyzer (214) interprets the detected acoustic signal to determine information about at least one of the heated fluid injection string (106), the well (102), or the subterranean zone (112).

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FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
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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)

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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

van Berlo, André

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