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[Continued on next page]

(54) Title: INTEGRATED ZONAL CONTACT AND INTELLIGENT COMPLETION SYSTEM

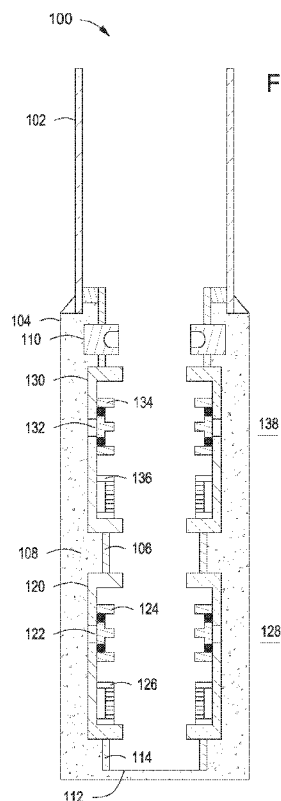


FIG. 1

(57) Abstract: Systems and methods for producing from multiple zones in a subterranean formation are provided. The system can include a liner including a first frac valve, a second frac valve, and a formation isolation valve. The second frac valve can be positioned above the first frac valve, and the formation isolation valve can be positioned above the second frac valve. A completion assembly can be disposed at least partially within the liner. The completion assembly can include a valve shifting tool adapted to actuate the formation isolation valve between an open position and a closed position. The completion assembly can also include a first flow control valve in fluid communication with the first frac valve and a second flow control valve in fluid communication with the second frac valve.



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**A. CLASSIFICATION OF SUBJECT MATTER*****E21B 34/12(2006.01)i, E21B 43/26(2006.01)i, E21B 43/30(2006.01)i, E21B 43/08(2006.01)i***

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)

E21B 34/12; E21B 43/20; E21B 43/00; E21B 43/26; E21B 23/00; E21B 43/11

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) &amp; Keywords: downwell, wellbore, downhole, multi, zone, fracturing, perforation, slide, move, sleeve, string, tool, valve, isolate

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                          | Relevant to claim No. |
|-----------|-------------------------------------------------------------------------------------------------------------|-----------------------|
| A         | US 2009-0044944 A1 (MURRAY DOUGLAS J. et al.) 19 February 2009<br>See paragraphs 0040-0056 and figures 1-30 | 1-20                  |
| A         | US 2009-0078427 A1 (PATEL DINESH R.) 26 March 2009<br>See paragraphs 0005-0034 and figures 1, 7             | 1-20                  |
| A         | US 2003-0051876 A1 (RANDY C. TOLMAN et al.) 20 March 2003<br>See paragraph 0100 and figure 4B               | 1-20                  |
| A         | US 2009-0211755 A1 (DYER STEPHEN et al.) 27 August 2009<br>See paragraph 0021 and figure 2                  | 1-20                  |



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"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s)                                                                                                                             | Publication<br>date                                                                                                        |
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