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Declarations under Rule 4.17:
— as to applicant’s entitlement to apply for and be granted a patent (Rule 4.17/H))

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR WELL CONTROL

[Diagram: FIG. 1]

(57) Abstract: Systems and methods are provided for supervising the control of wells in a grouping of wells, or "well pads," in a subterranean hydrocarbon reservoir so as to coordinate operation of the well pad. By coordinating operation of the well pad, hydrocarbon production for the well pad can be optimized. An exemplary method includes the steps of generating a plurality of requests to control individual wells of the well grouping, queuing the requests, and authorizing the requests based on one or more criteria associated with the well grouping so as to coordinate operation of the well grouping.
— as to the applicant’s entitlement to claim the priority of
the earlier application (Rule 4.17(h))

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### A. CLASSIFICATION OF SUBJECT MATTER

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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)

E21B 44/00; E21B 47/00; E21B 43/00; E21B 34/16

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: a grouping of wells( well ped), multiple well, optimize

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>Y</td>
<td>See paragraph 48 and figure 4.</td>
<td>3-4</td>
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<tr>
<td>X</td>
<td>US 04633954A A (DIXON; GLEN A. et al.) 06 January 1987</td>
<td>8-9, 13-14</td>
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<td>Y</td>
<td>See abstract, columns 11-12 and figure 3.</td>
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Date of the actual completion of the international search

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### INTERNATIONAL SEARCH REPORT
Information on patent family members

<table>
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<tr>
<th>Patent document cited in search report</th>
<th>Publication date</th>
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Form PCT/ISA/210 (patent family annex) (July 2009)