Title: VISCOELASTIC SURFACTANT FLUIDS HAVING ENHANCED SHEAR RECOVERY, RHEOLOGY AND STABILITY PERFORMANCE

Abstract: A method of treating a subterranean formation by injecting down a well an aqueous fluid containing a viscoelastic surfactant fluid comprising an enhanced shear recovery agent wherein shear recovery time of the viscoelastic surfactant fluid is reduced by the addition of the enhanced shear recovery agent, and a viscoelastic surfactant fluid composition thereof.
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

**IPC:**

- C09K 8/68 (2006.01), 8/58 (2006.01), 8/88 (2006.01)

**USPC:**

- 507/110, 119, 209, 224

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)

U.S.: 507/110, 119, 209, 224

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 practicable, search terms used)

Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 2004/0011327 (JONES et al) 22 January 2004 (22.01.2004), see paragraph 0051.</td>
<td>1-15</td>
</tr>
<tr>
<td>X</td>
<td>US 5,965,502 A (BALZER) 12 October 1999 (12.10.1999), see Tables and claims 1, 3, 5 and 9.</td>
<td>1-11</td>
</tr>
<tr>
<td>A</td>
<td>US 6,770,607 B2 (CHEN et al) 03 August 2004 (03.08.2004), see claims 1, 5 and 28.</td>
<td>1-11</td>
</tr>
</tbody>
</table>

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

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**A** document defining the general state of the art which is not considered to be of particular relevance

**E** earlier application or patent published on or after the international filing date

**L** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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**P** document published prior to the international filing date but later than the priority date claimed

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**Y** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

**Z** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

**A** document member of the same patent family

**Date of the actual completion of the international search**

07 August 2006 (07.08.2006)

**Date of mailing of the international search report**

01 SEP 2006

**Name and mailing address of the ISA/US**

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

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**Authorized officer**

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Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
EAST
search terms: viscoelastic surfactant, polyglycoside, polyglucoside, polyglycomide, ethyleneglycoletheracrylate,
diethyleneglycoletheracrylate, ethyleneglycolethermethylacrylate, diethyleneglycolethermethacrylate