A water-borne latex paint system, comprising a base paint, an associative thickener, a colorant compound, and at least 0.1% dry weight of a block copolymer ABCBA composition. For the ABCBA polymer wherein the A component is a hydrophobic group A, the B component is a hydrophilic polymer B and the C component is a low molecular weight hydrophobic group C. The ABCBA-type polymer includes an A component which is a monomer unit containing a moiety selected from the group consisting of an alkyl group, an aryl group or an alkyl aryl group, the B component includes poly(ethylene glycol), and the C component is selected from the group of diols consisting of poly(tetrahydrofuran), poly(carbonate), ethylene glycol, propylene glycol, and 1,2-dodecanediol. The block copolymer acts as a viscosity stabilizer in the presence of associative thickeners.
(88) Date of publication of the international search report:
12 July 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 06/34870

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C09D 109/04; C08F 265/10; C08L 53/00 (2007.01)
USPC - 428/505; 423/335

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)
IPC(8) C09D 109/04, C08F 265/10, C08L 53/00 (2007 01)
USPC 428/505, 423/335

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC 525/193, 207;

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (USPT), Google Patents Database
Search Terms Water, borne, latex paint, thickener, colorant

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 6,069,217 A (NAE et al.) 30 May 2000 (30 05 2000), column 2, line 5-9, column 6, line 16-18, line 30-45, line 64-67, column 7, line 1-8, column 8, line 16</td>
<td>17-20</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,881,782 B2 (CRATER et al.) 19 April 2005 (19 04 2005), column 6, line 55-56, column 7, line 7-8, line 61-64, column 8, line 17-19, column 10, line 48-57</td>
<td>1-16</td>
</tr>
<tr>
<td>A</td>
<td>US 5,739,196 A (JENKINS et al.) 14 April 1998 (14 04 1998), column 28, line 32-38</td>
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<td>A</td>
<td>US 5,234,773 A (BIALE) 10 August 1993 (10 08 1993), column 14, line 46-column 15, line 19</td>
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<tr>
<td>A</td>
<td>US 5,244,963 A (BIALE) 14 September 1993 (14 09 1993), column 14, line 42-column 15, line 2</td>
<td>1-20</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C

| T | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| X | 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 |
| Y | 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 |
| & | document member of the same patent family |

Date of the actual completion of the international search
21 February 2007 (21 02 2007)

Date of mailing of the international search report
18 APR 2007

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Form PCT/ISA/210 (second sheet) (April 2005)