Title: WATERBORNE EPOXY COATING COMPOSITION AND METHOD

Abstract: A waterborne coating composition comprising a waterborne epoxy coating with hydraulic cement, which is capable of a thin initial application. The coating composition may be made, stored and transported as a two-part composition, where each part is a pourable liquid. The waterborne epoxy composition cures under normal conditions and adheres to surfaces including masonry, concrete and metal.
**INTERNATIONAL SEARCH REPORT**

A. **CLASSIFICATION OF SUBJECT MATTER**

IPC:  
C08L 63/00 (2006.01); B32B 13/00 (2006.01), 27/38 (2006.01)  
B32B 37/00 (2006.01)

USPC: 523/400,401,402; 428/413,414,415,416,417,418

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.: 523/400,401,402; 428/413,414,415,416,417,418

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)

USPAT, US-PGPUB, USOCR, EPO, JPO, DERWENT, IBM_TDB

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 5,162,060 A (BREDOW et al) 10 November 1992 (10.11.1992), column 4, line 38 through column 13, line 15.</td>
<td>1-16,18,21,27,29,30,33,36,38,41-59,61,63,69,71,73-75,78-81,85,86,90-102,104,9-12,17,19,20/22,26,28,32,37-40,52,55,60,62,64-68,72-76,77,82-89,102,103,105-107</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search  
14 May 2006 (14.05.2006)

Date of mailing of the international search report  
20 JUN 2006

Name and mailing address of the ISA/US  
Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 272-1201

Authorized officer  
Michael J. Feely

Telephone No. 571-272-1700

Form PCT/ISA/210 (second sheet) (April 2005)
### INTERNATIONAL SEARCH REPORT

#### C. (Continuation) 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 6,107,368 A (ROLAND et al) 22 August 2000 (22.08.2000), column 1, line 48 through column 4, line 18.</td>
<td>1-8, 13-15, 17, 21, 24, 41-51, 56-58, 60, 63, 66-90, 99, 101, 104</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>9-12, 22, 23, 25-32, 37-40, 52-55, 64, 65, 67-77, 82-89, 102, 103, 105-107</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>37, 82, 103</td>
</tr>
<tr>
<td>X</td>
<td>US 3,988,279 A (KLASSEN) 26 October 1976 (26.10.1976), column 1, line 48 through column 4, line 23.</td>
<td>1-6, 8-12, 15, 17, 27, 31, 37, 41-43</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>17, 19, 20, 60, 62</td>
</tr>
<tr>
<td>X</td>
<td>US 6,068,055 A (CHATTERJI et al) 30 May 2000 (30.05.2000), column 2, line 43 through column 5, line 5.</td>
<td>1-4, 13-15, 17, 18, 31, 32</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>31, 32, 76, 77</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>39, 85-88, 105-107</td>
</tr>
<tr>
<td>X</td>
<td>US 5,252,636 A (ELLENBERGER et al) 12 October 1993 (12.10.1993), column 1, line 1 through column 3, line 25.</td>
<td>1-6, 8-12-15, 38, 40-43</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>40, 89</td>
</tr>
<tr>
<td>Y</td>
<td></td>
<td>22, 24-26, 64, 66-68</td>
</tr>
<tr>
<td>Y</td>
<td>US 4,180,166 A (BATDORF) 25 December 1979 (25.12.1979), Abstract, column 11, line 8 through column 17, line 38.</td>
<td></td>
</tr>
</tbody>
</table>

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