Abstract:

A method of making a self-cleaning coating comprises coating the roughened surface of a substrate with at least one hydrophobic chemical agent.

Title: SELF-CLEANING COATINGS AND METHODS FOR MAKING SAME


Published: with international search report (Art. 21(3)) before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

Date of publication of the international search report: 15 May 2014

Figure 1
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US13/44913

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C09D 5/00, 7/12, 183/00 (2014.01)
USPC - 427/387; 428/447; 524/765

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: C09D 5/00, 7/12, 183/00 (2014.01)
USPC: 427/387; 428/447; 524/765

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)


KEYWORDS: Self*1; clean*3, Substrate*1, Wafer*1, Groove*1, Coat*3, Film*1, Deposit*3, Transmi*1, Dry*3, Bond*3, Polish

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>A</td>
<td>US 7,901,731 B2 (RUSSELL, J et al.) March 8, 2011; abstract; figures 1-5; pages 2-33</td>
<td>1-42, 44-53, 55</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search
20 February 2014 (20.02.2014)

Date of mailing of the international search report
19 March 2014

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