A lubricant dispensing system is provided. The dispensing system includes a lubricant supply, a lubricant dispensing nozzle and a control panel. The dispensing nozzle includes a nozzle body with a fluid passageway therein which is in fluid communication with the lubricant supply, an electrode assembly for electrostatically charging lubricant in the fluid passageway and at least one discharge orifice through which electrostatically charged lubricant can be discharged. The discharge orifice is defined by at least one spray needle having a first end in fluid communication with the fluid passageway and a second end that extends outward of the nozzle body. The control panel directs the flow of lubricant from the lubricant supply to the lubricant dispensing nozzle and controls the electric power supplied to the electrode assembly.
INTERNATIONAL SEARCH REPORT

International application No
PGT/US 07/02842

A CLASSIFICATION OF SUBJECT MATTER
IPC(8) - B65D 88/54 (2007 01)
USPC - 222/251

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)
USPC 222/251

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC 222/251, 252, 255, 310, (text search - see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubMed/USPT,PGPB,EPAB,JPAB), Google
Search Terms lubricant, electrostatic, nozzle, control panel

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>Y</td>
<td>US 5,176,321 A (DOHERTY) 05 January 1993 (05 01 1993), entire document</td>
<td>1-30</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,943,855 A (MORIMOTO et al) 31 August 1999 (31 08 1999), entire document</td>
<td>29-30</td>
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<tr>
<td>Y</td>
<td>US 4,210,935 A (MCCARTHY et al) 01 July 1980 (01 07 1980), entire document</td>
<td>7-9 and 21-23</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,045,301 A (KAMMERMEIER et al) 04 April 2000 (04 04 2000), entire document especially col 8, ins 52-59</td>
<td>10, 16, 24, and 30</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C

* Special categories of cited documents
  “V” document defining the general state of the art which is not considered to be of particular relevance
  “E” earlier application or patent but published on or after the international filing date
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  “&” document member of the same patent family

Date of the actual completion of the international search
21 August 2007 (21 08 2007)

Date of mailing of the international search report
04 OCT 2007

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 571-273-3201

Authorized official
Lee W. Young
PCT Helpdesk 571-272-4300
PCT OIB 571-272-7774

Form PCT/ISA/210 (second sheet) (April 2007)