An electric motor-driven pump, particularly adapted for pumping condensate from refrigeration and air conditioning systems includes a reservoir body, a reservoir cover supporting an electric motor directly connected to a centrifugal pump impeller at one end of the motor rotor shaft and to a centrifugal cooling air fan at the opposite end of the motor rotor shaft. The motor is mounted on the reservoir cover and a motor cover mounted on the reservoir cover defines cooling air inlet and discharge ports for the flow of cooling air propelled by the fan. Efficient cooling air movement is obtained in a mechanically uncomplicated arrangement.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: F04B 17/03 (2006.01), 49/04 (2006.01)

USPC: 417/40, 423.8
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.: 417/40, 423.8, 36

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 6,322,326 B1 (DAVIS et al) 27 November 2001 (27.11.2001), see entire document.</td>
<td>1-5 and 7-10</td>
</tr>
<tr>
<td>Y</td>
<td>US 4,275,995 A (TAYLOR) 30 June 1981 (30.06.1981), see Figs 1-3.</td>
<td>6 and 11-14</td>
</tr>
</tbody>
</table>

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
  "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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"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

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"&" member of the same patent family

Date of the actual completion of the international search
10 August 2006 (10.08.2006)

Date of mailing of the international search report
28 SEP 2006

Authorized officer
Charles G. Freay
Telephone No. 571-272-3750

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

Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
EAST
search terms: pump, sump, condensate, impeller, float