Title: MOTORIZED TOWABLE SWEEPING APPARATUS AND RELATED METHOD

Abstract: A towable sweeping apparatus includes a housing supported by a plurality of surface-engaging wheels and an impeller mounted to the housing and adjustable relative to the surface. The impeller includes a plurality of blades rotatable about an axis. A space permitting air flow is present between a portion closest to the axis of at least one of the plurality of blades and the axis. The towable sweeping apparatus also includes a drive motor inter-operably connected to the impeller and a bin arranged to receive debris collected by the impeller. The bin includes an angulated surface adapted to facilitate removal of debris from the towable sweeping apparatus.
Published:
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(88) Date of publication of the international search report:
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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

A. CLASSIFICATION OF SUBJECT MATTER
IPC: E01H 1/04 (2006.01), 1/05 (2006.01), 1/08 (2006.01)


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.: Please See Continuation Sheet

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)
Searches EAST on all subclasses

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>
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<tbody>
<tr>
<td>Y</td>
<td>JP 11-264124 A (OHASHI) 28 September 1999 (28.09.1999), see entire document.</td>
<td>1-5, 7-14, 16-20</td>
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<td>1-5, 11-14, 16 and 20</td>
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<td>US 5,416,949 A (JUTE) 23 May 1995 (23.05.1995), See entire document.</td>
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<td>A</td>
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* Further documents are listed in the continuation of Box C.   | See patent family annex.

“A” document defining the general state of the art which is not considered to be of particular relevance

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“Z” document member of the same patent family

Date of the actual completion of the international search
06 July 2006 (06.07.2006)

Date of mailing of this International Search Report
10 OCT 2006

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#### C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<td>A</td>
<td>US 3,201,819 A (WILGUS) 24 August 1965 (24.08.1965), see entire document.</td>
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/38197

Continuation of B. FIELDS SEARCHED Item 1:
15/79, 2, 82, 83, 340.1-340.4, 347