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(54) Title: CONTAINER TRANSPORT DECELERATOR

(57) Abstract: Cylindrical prescription containers are propelled through a pneumatic transport system at high speeds by low pressure, high-velocity air. Upon arrival at destination stations within the transport system, curvilinear decelerators slow them by directing them through a plurality of curved paths where they dissipate momentum. Once slowed, the containers are deposited upon a moving conveyor to be staged into the next processing station at an even pace. The decelerators comprise curved vanes surrounding the container path, the vanes being held in a fixed, curvilinear relation to each other and the container by a series of yokes surrounding and engaging the vanes. The conveyor is driven by a servo motor controllable by the transport system to pace containers as needed by the next processing station.

[Continued on next page]
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A. CLASSIFICATION OF SUBJECT MATTER

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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)

B65G 51/02, B65G 51/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Japanese utility models and applications for utility models
Chinese Patents and applications for patent

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords container, transport, decelerator and similar terms

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>
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<tbody>
<tr>
<td>A</td>
<td>JP 2001-158531 A (TOKYO AUTOM MACH WORKS LTD.) 12 June 2001 See paragraphs [0013]-[0029] and figure 1.</td>
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<td>1-19</td>
</tr>
</tbody>
</table>

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

<table>
<thead>
<tr>
<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
<th>Publication date</th>
</tr>
</thead>
<tbody>
<tr>
<td>JP 2001-158531 A</td>
<td>12.06.2001</td>
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<td>29.01.2004</td>
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Form PCT/ISA/210 (patent family annex) (July 2009)