Title: ARTICLE-ROTATING BELT CONVEYOR

Abstract: A conveyor (20) comprising at least one belt (22) defining an outer conveying surface divided into at least two laterally offset regions in which the rollers (50) in one region rotate in a first direction and the rollers (51) in a second region rotate in a second direction as the conveyor belt (22) advances in a conveying direction. The rollers (50, 51) rotate by rolling along roller- engagement surfaces (54) underlying the conveyor belt along a carryway. The rollers rotating in the first direction rotate with a velocity component in the conveying direction (32) different from the velocity component in the conveying direction of the rollers rotating in the second direction. An article positioned simultaneously atop rollers in both regions is rotated by the rotation of the rollers as the conveyor belt advances.
before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 31 July 2008
### INTERNATIONAL SEARCH REPORT

**International application No**

PCT/US07/70307

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#### A CLASSIFICATION OF SUBJECT MATTER

**IPC.** B65G 17/24 (2006 01)

**USPC** 198/779,457 02

According to International Patent Classification (IPC) or to both national classification and [IPC]

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#### B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. 198/779, 457 02, 4 12, 4 13, 853

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

NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NONE

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#### 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 7,007,792 B1 (Burch) 07 March 2006 (07 03 2006)</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>US 5,283,984 (Lucas) 15 March 1994 (15 03 1994)</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>US 4,541,768 (Walker et al) 17 September 1985 (17 09 1985)</td>
<td></td>
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</table>

* Further documents are listed in the continuation of Box C

* See patent family annex

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**Date of the actual completion of the international search**

29 April 2008 (29 04 2008)

**Date of filing of the international search report**

JUN 2008

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**Form PCT/ISA/2 10 (second sheet) (April 2007)**