Title: SYSTEM AND METHOD FOR FORMING AN INTEGRATED TRAY FOR USE IN VACUUM PACKAGING

Abstract: A bag for use in vacuum packaging can comprise a first panel (320) and a second panel (322) overlapping each other. One or more trays (230) for retaining a perishable or other product is formed on one or more of the panels. Each tray can optionally have ridges (234) for suspending a product above the tray so that liquid can collect in the tray. In one embodiment, a method for forming such a bag between a cooling roll (104) and laminating roll (102) includes feeding a gas-impermeable material (108) to a nip formed between the rolls. Resin is extruded to the nip such that the resin fills a plurality of cavities of the cooling roll, forming an inner layer that adheres to the gas-impermeable material. A resultant sheet is then folded to form the first and second panel and sealed such that an envelope is formed.
before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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.

(88) Date of publication of the international search report:
10 February 2005
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : B65D 81/26
US CL : 156/209, 553, 582; 206/524.8; 264/280; 383/105, 113; 426/129
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. : 156/209, 543, 553, 582 583; 206/484, 484.2, 524.8; 264/280, 284; 383/105, 113; 426/129; 493/189, 190, 211

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

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>X</td>
<td>US 6,482,452 B1 (WELLER et al) 19 November 2002 (19.11.2002), see Figure 1, reference numerals 1, 2 and 13, and column 2, lines 20-22.</td>
<td>1</td>
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<td>Y</td>
<td>US 4,321,997 A (MILLER) 30 March 1982 (30.03.1982), see reference numerals 28 and 30, column 1, lines 12-16, and column 2, lines 50-62.</td>
<td>10, 11, 18, 19, 26, 27</td>
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<tr>
<td>A</td>
<td>US 4,105,491 A (HASSE et al) 08 August 1978 (08.08.1978).</td>
<td>1-47</td>
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</table>

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search
26 November 2004 (26.11.2004)

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15 DEC 2004

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