Title: LARGE PART DEFLASH FOR BLOW MOLDS

Abstract: A blow mold assembly for use with a conventional production blow molding machine (10) is provided with co-operating and separable cap (26) and base blow-mold (22) sub-assemblies, the base blow mold sub-assembly (22) having elongate and pivoted gutter plate segments (90, 92, 94, 96) that together surround the product mold cavity (82) of the assembly, that each may be moved in directions toward and away from the cap blow-mold sub-assembly (26) to control certain wall thickness and configuration characteristics of the blow-molded product formed in the product mold cavity, and that may each be pivoted in a plane at right angles relative to the direction of gutter plate segment movement for wall thickness characteristic control to thereby progressively separate gutter flash from around the blow-molded product while the product is retained in the apparatus product mold cavity.
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(7) : B82C 49/50
US CL : 264/598, 425/527

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. : 264/598, 425/527

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)

EAST

**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,P</td>
<td>US 2002/0180115 A1 (WEEKS) 05 December 2002, see entire document</td>
<td>1-85</td>
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See patent family annex.

Date of the actual completion of the international search: 01 DECEMBER 2003

Date of mailing of the international search report: 16 JAN 2004

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