(54) Title: SOFT COATED GLASS PANE REFRIGERATOR DOOR CONSTRUCTION AND METHOD OF MAKING THE SAME

(57) Abstract: A door for a refrigerator display case is provided. The door includes a glass panel having a surface coated with a low-emissivity soft coating. A refrigerator display case is also provided. The display case has a refrigerated enclosure and a door with three glass panels. The middle glass panel is coated with a low-emissivity soft coating.

Published:
— with international search report
— 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: 5 October 2006

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: A47F 3/00 (2006.01)
USPC: 312/114
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.: 312/114, 116, 236, 401, 405; 65/80.1

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)
Please See Continuation Sheet

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>Y</td>
<td>US 4,477,129 A (HEANEY) 16 October 1984, see entire document.</td>
<td>1-47</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,602,587 B2 (MACQUART et al) 05 August 2003, see entire document.</td>
<td>5,11,19,25,47</td>
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<tr>
<td>Y</td>
<td>US 1,867,074 A (HILL) 12 July 1932, see entire document.</td>
<td>34</td>
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<tr>
<td>A</td>
<td>US 5,329,736 A (SODERVALL) 19 July 1994</td>
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</tbody>
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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
19 June 2006 (19.06.2006)

Date of mailing of the international search report
31 JUL 2006

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Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
USPAT, USOCR, US-PGPUB
emissivity, transmission, light, coating, glass, refrigerator, tempered, door, laminated