(51) International Patent Classification:
B44F 1/10 (2006.01)  B44C 1/00 (2006.01)

(54) Title: LAMP WITH HEAT-RESPONSIVE DECORATION

(57) Abstract: A lighting product including a holder for an illumination source, a frame, attached to the holder including a back plate having a front surface adjacent to the illumination source, and a layer of a thermochromic material, which is disposed on the front surface of the back plate so as to alter an appearance of the back plate in response to heat emitted by the illumination source.
(88) Date of publication of the international search report:
11 March 2010
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - B44F 1/10, B44C 5/00, B44C 1/00 (2009.01)
USPC - 362/161, 362/84, 431/289
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)
IPC(8) - B44F 1/10, B44C 5/00, B44C 1/00 (2009.01)
USPC- 362/161, 362/84, 431/289

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC- 362/161, 362/84, 431/289
IPC(8) - B44F 1/10, B44C 5/00, B44C 1/00 (2009.01) (text delimited)

Electronic database consulted during the international search (name of database and, where practicable, search terms used)
PubWEST (USPTO,PGP,EP,A,JP), Google
Search terms used: Thermochromic, ink, heat, candle, transparent, opaque, image, holder, frame, canopy

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 2007/0020573 A1 (Furner et al.) 25 January 2007 (25.01.2007), para [0007], [0141]; Fig.</td>
<td>1-16</td>
</tr>
<tr>
<td>Y</td>
<td>US 3,244,872 A (McCormick) 05 April 1966 (05.04.1966), Col 3</td>
<td>5, 13</td>
</tr>
</tbody>
</table>

☐ Further documents are listed in the continuation of Box C. ☐

* Special categories of cited documents:
  “A” document defining the general state of the art which is not considered to be of particular relevance
  “E” earlier application or patent but published on or after the international filing date
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  “O” document referring to an oral disclosure, use, exhibition or other means
  “P” document published prior to the international filing date but later than the priority date claimed

  “T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Date of the actual completion of the international search: 27 April 2009 (27.04.2009)

Date of mailing of the international search report: 5 MAY 2009

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PCT OSP: 571-272-7774

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