Title: LED BULB WITH A GAS MEDIUM HAVING A UNIFORM LIGHT-DISTRIBUTION PROFILE

Abstract: An LED bulb includes a base, a shell, and a plurality of LEDs. The shell is connected to the base and the plurality of LEDs is disposed within the shell. The LEDs are configured to provide the LED bulb with a uniform light-distribution profile. The present disclosure relates generally to light-emitting diode (LED) bulbs and, more specifically, to an LED bulb with a gas medium having a uniform light-distribution profile.

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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International application No.
PCT/US2013/054020

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F21V 3/02 (2013.01)
USPC - 362/249.02

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) - F21V 3/02, 13/00, 29/00; H05B 3/02 (2013.01)
USPC - 361/690; 362/227, 249.01, 249.02, 249.14, 311.01, 311.02, 368, 373

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - F21V 3/02, 13/00, 29/00, 002; H05B 33/02 (2013.01)

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
PatBase, Google Patents, Google Scholar

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>
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<tr>
<td>Y</td>
<td>US 201 1/01 56583 A1 (CHUANG) 30 June 2011 (30.06.2011) entire document</td>
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<td>Y</td>
<td>US 201 1/0163675 A1 (LIN et al) 07 July 2011 (07.07.2011) entire document</td>
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<td>Y</td>
<td>US 2012/0033440 A1 (WHEELOCK et al) 09 February 2012 (09.02.2012) entire document</td>
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<td>US 6,580,228 B1 (CHEN et al) 17 June 2003 (17.06.2003) entire document</td>
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Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search
12 January 2014

Date of mailing of the international search report
29 JAN 2014

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