The following is a platform for intellectual property filing and management.

**Title:** LED SOURCE ADAPTED FOR LIGHT BULBS AND THE LIKE

![Diagram of LED source](image)

**Abstract:** A light source (40, 70) and method for making the same are disclosed. The light source (70) includes a housing (71), a drive assembly (74), and an LED (75). The housing has an interior compartment enclosed in an outer surface (77) having a heat dissipating surface (46) and first and second power terminals (42, 43) that are accessible from outside the interior compartment. The drive assembly (74) is located in the interior compartment and electrically connected to the first and second power terminal (42, 43). The LED is directly attached to the heat dissipating surface (46) and electrically insulated therefrom, the LED having first and second LED power contacts. The housing (41) has first and second housing power terminals (42, 43) disposed outside the housing (71), electrically isolated from the heat-dissipating surface (46), and connected to the drive assembly (74). A first conductor (81) connects the first LED power contact to the first housing power terminal (42). A second conductor (82) connects the LED second power contact to the second housing power terminal (43).
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))

(88) Date of publication of the international search report:
22 April 2010
A. CLASSIFICATION OF SUBJECT MATTER

HOIL 33/64(2010.01)i

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)

HOIL 33/64, H01L33/00, F21S 2/00, F21V 15/00, F21V 29/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Chinese Patents and application for patent

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords housing, heat dissipating, terminal, light source, interior

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<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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<tbody>
<tr>
<td>A</td>
<td>US 2008-0037262 Al (BRUCE WESSON) 14 February 2008 See abstract and figure 10</td>
<td>1-11</td>
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<td>A</td>
<td>US 2007-0058377 Al (THOMAS ZAMPINI et a1.) 15 March 2007 See abstract and figure 6</td>
<td>1-11</td>
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<td>A</td>
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<td>A</td>
<td>KR 10-2008-0074838 A (DAE WONG KWON) 13 August 2008 See abstract and figures 13,14</td>
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Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

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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

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 FEBRUARY 2010 (26 02 2010)

Date of mailing of the international search report

02 MARCH 2010 (02.03.2010)

Name and mailing address of the ISA/KR

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Form PCT/ISA/210 (second sheet) (July 2009)
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