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(54) Title: INTERNALLY ILLUMINATED LIGHT PANEL WITH LED MODULES HAVING LIGHT RedirectING DEVICES

(57) Abstract: An illuminated sign (24) having front (30), back (26) and side (28) surfaces. A plurality of first cavities (32) are formed into the back surface of the sign. A plurality of light emitting modules (10) are disposed in the plurality of first cavities (32). The modules (10) include a LED (12) having an emission axis (EA) and producing at least some light output parallel to the emission axis, an optical device (14) disposed adjacent to the light source (12) having a reflective surface (20) for reflecting the light output in directions generally perpendicular to the emission axis, and a guide element (16) disposed adjacent the optical device (14) for coupling the reflected light output into the interior of the sign (24).
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC: F21V 8/00 (2006.01)
USPC: 362/555,559
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.: 362/555,559

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)

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>X</td>
<td>US 6,598,998 B2 (West et al.) 29 July 2003 (29.07.2003), figures 4, 5a, 7a.</td>
<td>1-3 and 5-10</td>
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<tr>
<td>Y</td>
<td>US 2006/0018122 (Negley) 26 January 2006 (26.01.2006), figure 1.</td>
<td>1-10</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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