Methods for recording volume Bragg grating structures having a target wavelength are disclosed. Such a method may include providing a photosensitive recording medium (102), bringing a first face (102B) of the recording medium (102) into contact with a face (104B) of a prism (104), the prism (104) being made of a material that is transparent at a recording wavelength, and recording a Bragg grating onto the recording medium (102) by exposing the prism (104) to an incident light wave (106) at the recording wavelength.
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: G02B 6/34 (2006.01), 5/18 (2006.01), 5/23 (2006.01)
   USPC: 385/10, 37, 359/15, 572, 576, 369/103
   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.: 385/10, 37; 359/15, 572, 576; 369/103
   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)
   WEST SEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVENT

<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>X</td>
<td>US 5,655,040 A (CHESNOY et al) 5 August 1997 (05.08.1997), Whole Document</td>
<td>1, 2, 5, 7, 9, 10, 12, 20, 21</td>
</tr>
<tr>
<td>X</td>
<td>US 6,249,624 B1 (Putnam et al) 19 June 2001 (19.06.2001), Whole Document</td>
<td>1-5, 11, 20, 21</td>
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<td>A</td>
<td>US 7,184,616 B2 (Mead et al.) 27 February 2007 (27.02.2007), Whole Document</td>
<td>1-21</td>
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</tbody>
</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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