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PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(54) Title: A PROCESS OF MAKING RETRO-REFLECTIVE MATERIAL

An example of fashion garment made by the proposed invention as base fabric

Note: Figure shows the proposed material applied onto a fashion garment. The reflective materials are showing at collar, top-shoulders, under-arm and sides, and lower-rim.

(57) Abstract: A process of making a micro glass beaded retro-reflective material comprising micro glass beads lenses, which is partially embedded in graphic matrixes of binding material. The pre-fixed rotating axes of the micro glass beads lenses lie at varying angles to the general plane of the graphic matrix to achieve uniform visibility in broad range of entrance and observation angles. The gaps between the graphic matrixes [matrices is used in textbooks, matrixes is okay] allow the permeability of the base material to resumes its function (i.e., breathable of the fabric), maintaining the flexibility (i.e., softness and rigiditv of the fabric), and the color of the base materials.
A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B41M 5/40
USPC - 428/32.71

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)

USPC - 428/32 71

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

USPC - 428/32 71,32 69,32 71.32 77,32 79,32 81,913, 264/1 1.1 9.1 32, 359/519.537,538,540,546, 396/3.4 (text search - see search terms below)

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

PubWEST (PCIP/USPTO/USOC/EPAR/IPAB), DialogPro (General Research), 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>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 2005/0100709 A1 (BESCUP et al.) 12 May 2005 (12 05 2005), abstract, para [0004], [0008], [0014], [0017]-[0021], [0029], [0031], [0035]-[0038], [0041] and [0048]-[0053]</td>
<td>1-6</td>
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<tr>
<td>A</td>
<td>US 5,620,775 A (LAPERRE) 15 April 1997 (15 04 1997), entire document</td>
<td>1-6</td>
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</table>

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

Date of the actual completion of the international search
31 January 2008 (31 01 2008)

Date of mailing of the international search report
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