The present disclosure relates to a material composition comprising: a High Density Polyethylene; Ethylene Vinyl Alcohol; and at least one compatibilizer; wherein the material composition comprises flake-shaped particles. The present disclosure further relates to a laminate tube comprising: a body portion; a neck portion; and a tube shoulder; wherein the tube shoulder is made up of a material composition comprising: a High Density Polyethylene; Ethylene Vinyl Alcohol; and at least one compatibilizer; wherein the material composition comprises flake-shaped particles. The present disclosure also relates to a tube shoulder made up of a material composition comprising: a High Density Polyethylene; Ethylene Vinyl Alcohol; and at least one compatibilizer; wherein the material composition comprises flake-shaped particles; comprises flake-shaped particles.
### INTERNATIONAL SEARCH REPORT

**International application No.**
PCT/IN20 12/000390

### A. CLASSIFICATION OF SUBJECT MATTER

<table>
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<th>IPC(8)</th>
<th>B32B 1/08 (2013.01)</th>
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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)

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<th>IPC(8)</th>
<th>B28B 21/00; B29B 7/00; B29D 23/20; B32B 1/08, 27/00, 27/08, 27/32, 33/00; B65D 65/40, 85/14 (2013.01)</th>
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

Patbase, Proquest

### 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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<td>Y</td>
<td>US 5,399,619 A (TORRADAS et al) 21 March 1995 (21.03.1995) entire document</td>
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<td>Y</td>
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</table>

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

- Special categories of cited documents:
  - "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier application or patent but published on or after the international filing date
  - "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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  - "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
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- "&" document member of the same patent family

Date of the actual completion of the international search: 05 April 2013

Date of mailing of the international search report: 23 APR 2013

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Authorized officer: Blaine R. Copenhaver
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