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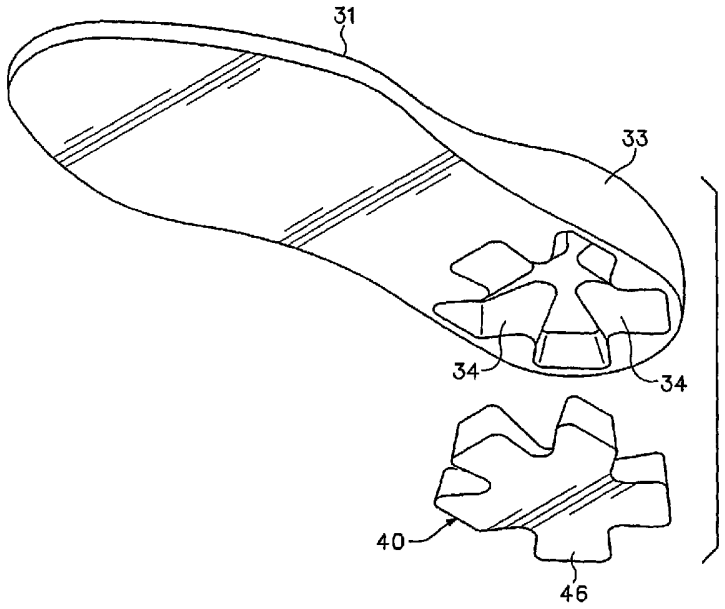
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*[Continued on next page]*

(54) **Title:** FOOTWEAR WITH A SOLE STRUCTURE INCORPORATING A LOBED FLUID-FILLED CHAMBER




(57) **Abstract:** A fluid-filled chamber (40) for an article of footwear and a method for manufacturing the chamber are disclosed. The chamber may be incorporated into a sole structure (30) of the footwear and includes a central area (41) and a plurality of lobes (42a-42e) extending outward from the central area. The lobes are in fluid communication with the central area and are formed from a first surface (45), a second surface (46), and a sidewall (47). The sidewall joins with the first surface with the second surface to seal the fluid within the chamber, but no internal connections are generally utilized to join interior portions of the first surface with interior portions of the second surface. The fluid within the chamber may be air at a pressure that is approximately equal to an ambient pressure.

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# INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/019091

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A43B13/20 A43B13/18 A43B21/28

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)
IPC 7 A43B

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 practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| X | US 6 457 262 B1 (SWIGART JOHN)<br>1 October 2002 (2002-10-01)<br><br>column 4, line 16 - column 5, line 40;<br>figure 1 | 1-5,7,8,<br>12-26,<br>29,<br>32-42,<br>48-57,<br>61,62 |
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| X<br>A | DE 352 216 C (ALWIN BAERSCHNEIDER)<br>24 April 1922 (1922-04-24)<br>the whole document | 63-66,<br>68-71<br>1,23,40,<br>57 |

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° 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 document but published on or after the international filing date

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"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

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| Date of the actual completion of the international search | Date of mailing of the international search report |
|---|---|
| 27 January 2005 | 10. 02. 2005 |

| Name and mailing address of the ISA | Authorized officer |
|---|---|
| European Patent Office, P.B. 5818 Patentlaan 2<br>NL – 2280 HV Rijswijk<br>Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,<br>Fax: (+31–70) 340–3016 | Vesin, S |

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International Application No
PCT/US2004/019091

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| P,X<br>P,A | US 2003/208930 A1 (SWIGART JOHN)<br>13 November 2003 (2003-11-13)<br>the whole document | 63-66,<br>68-71<br>1,23,40,<br>57 |
| A | US 2003/056400 A1 (POTTER DANIEL R ET AL)<br>27 March 2003 (2003-03-27)<br>paragraphs '0090!, '0111! - '0114!;<br>figures 10-22 | 1,23,40,<br>57 |
| A | US 5 131 174 A (DREW TERRENCE M ET AL)<br>21 July 1992 (1992-07-21)<br>column 6, line 37 - column 7, line 49;<br>figures 1,2 | 1,23,40,<br>57 |

# INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/019091

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

☐ The additional search fees were accompanied by the applicant's protest.

☒ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-62

   Article of footwear, sole structure or bladder defining lobes surrounded by a resilient material

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2. claims: 63-71

   Bladder made of two surfaces being bond along a parting line

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US2004/019091

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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