

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 February 2006 (16.02.2006)

PCT

(10) International Publication Number
WO 2006/016254 A3

(51) International Patent Classification:

A43B 5/00 (2006.01) A43C 15/16 (2006.01)

(21) International Application Number:

PCT/IB2005/002372

(22) International Filing Date: 8 August 2005 (08.08.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

TO2004A000563 10 August 2004 (10.08.2004) IT

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CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

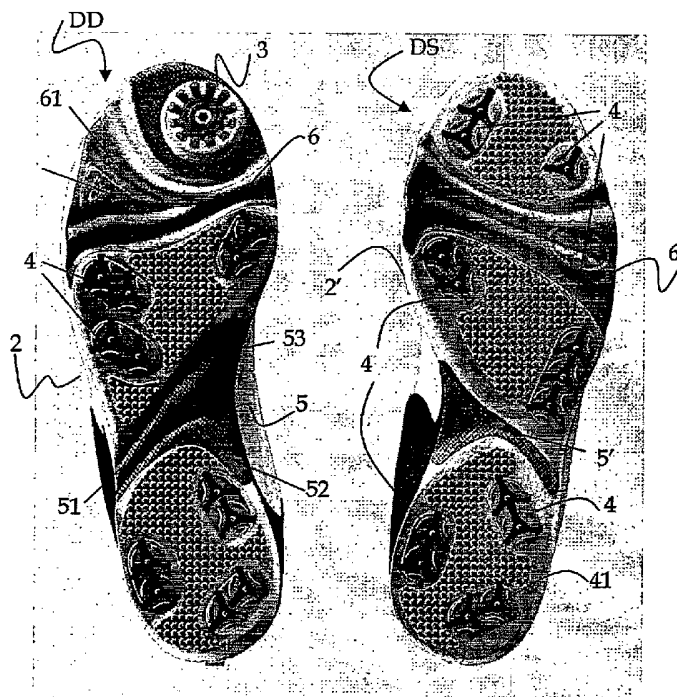
(88) Date of publication of the international search report:

22 June 2006

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SPORTS SHOES, IN PARTICULAR FOR PLAYING GOLF



(57) Abstract: A sports shoe is described, in particular for playing golf, which comprises a sole (2) fitted with rotation means (3, 4) being able to rotate independently of said sole (2). The invention consists in the fact that said rotation means (3, 4) comprise a first rotary disc (3) being substantially located in the shoe section intended to receive the big tow of a foot. The invention also relates to a pair of asymmetric shoes (D, S).

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2005/002372

A. CLASSIFICATION OF SUBJECT MATTER A43B5/00 A43C15/16		
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) A43B A43C		
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		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/64294 A (ACUSHNET COMPANY) 2 November 2000 (2000-11-02)	1-11
A	the whole document	27
X	US 2004/040182 A1 (MCMULLIN FARIS W) 4 March 2004 (2004-03-04)	1-4
Y	paragraph [0031]; figure 6	5-11
A		27
Y	US 2003/188459 A1 (KELLY PAUL ANDREW ET AL) 9 October 2003 (2003-10-09)	5-11
A	paragraph [0023]; figure 3	27
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A	the whole document	27
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family 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 '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) 'O' document referring to an oral disclosure, use, exhibition or other means '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 '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 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '*' document member of the same patent family		
Date of the actual completion of the international search 23 March 2006		Date of mailing of the international search report 07. 04. 2006
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Herry, M

INTERNATIONAL SEARCH REPORT

International application No
PCI/IB2005/002372

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 5 638 615 A (KORSEN ET AL) 17 June 1997 (1997-06-17) column 3, lines 1-11; figures	1,3,4,6, 8-10 5 27
Y A	GB 2 377 616 A (ADAM NEIL * PRESSLAND) 22 January 2003 (2003-01-22) the whole document	5 27
X A	FR 2 828 792 A (TAHA SAID) 28 February 2003 (2003-02-28) cited in the application the whole document	1,3,4 27
X Y	US 4 885 851 A (PETERSON ET AL) 12 December 1989 (1989-12-12) column 3, line 40; claims; figures 1,2,7,8	1,27 29,31,35
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Y A	US 4 149 324 A (LESSER ET AL) 17 April 1979 (1979-04-17) column 3, line 63 - column 5, line 5; figures 5-12	31,35 1
Y A	DE 100 00 472 A1 (ADIDAS INTERNATIONAL B.V., AMSTERDAM; ADIDAS INTERNATIONAL MARKETING B) 13 July 2000 (2000-07-13) column 3, lines 42-51; claim 1; figures	35 1
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INTERNATIONAL SEARCH REPORT

International application No.
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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.:
1-11, 27-35
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: 1-11

Claims 1-11 relate to the structure and location of rotation means and spikes, intended to provide an adequate grip.

2. claims: 12-16

Claims 12-16 describe a torsional stabilizer element located in the sole, which allows to stabilize the sole during torsion of the foot and of the shoe, for instance during a swing action...

3. claims: 17-19

Claims 17-19 relate to a transversal flexure element, which facilitates flexure of the shoe during walking.

4. claims: 20-24

Claims 20-24 describe a vamp stabilizer, capable of opposing the bending of the vamp. This wording encompasses, for instance, toe caps and heel caps.

5. claim: 25

Claim 25 relates to a sole having several layers with different hardnesses, to improve cushioning of the lower surface of the user's foot.

6. claim: 26

Claim 26 describes fastening means that are hidden for aesthetic purposes.

7. claims: 27-35

Claims 27-35 relate to a pair of shoes, whereby one sole of the second shoe is asymmetric with respect to the sole of the first shoe. The asymmetry corresponds to the different functions performed by the two feet for keeping one's balance during sport, golf for example.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2005/002372

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