



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
03.04.2024 Bulletin 2024/14

(51) International Patent Classification (IPC):
A41D 27/10 ^(2006.01) **A41D 19/00** ^(2006.01)
A41D 19/01 ^(2006.01)

(43) Date of publication A2:
07.02.2024 Bulletin 2024/06

(52) Cooperative Patent Classification (CPC):
A41D 27/10; A41D 19/0041; A41D 19/01

(21) Application number: **23217877.2**

(22) Date of filing: **12.01.2018**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**

(30) Priority: **12.01.2017 US 201715404957**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
21180720.1 / 3 922 121
18702397.3 / 3 568 030

(71) Applicant: **NIKE Innovate C.V.**
Beaverton, OR 97005 (US)

(72) Inventors:
• **HORNER, Stewart D.**
Beaverton, 97005 (US)
• **KOSHKAROFF, Iustinia**
Beaverton, 97005 (US)
• **NORDSTROM, Matthew D.**
Beaverton, 97005 (US)
• **SKORUPSKI, Derek**
Beaverton, 97005 (US)

(74) Representative: **Müller-Boré & Partner**
Patentanwälte PartG mbB
Friedenheimer Brücke 21
80639 München (DE)

(54) **LAYERED THUMBHOLE STRUCTURE**

(57) A tubular sleeve comprising: a distal end opposite a proximal end; a cutout formed through the tubular sleeve proximate to the distal end, the cutout defined in part by a first cutout edge and a second cutout edge, wherein the first cutout edge is positioned across the cutout from the second cutout edge; a first panel having at least a first side edge, a second side edge and a trailing edge, the first side edge affixed to the tubular sleeve at a first seam extending along the first cutout edge, the second side edge affixed to the tubular sleeve at a second seam extending along the second cutout edge; a second panel having at least a first side edge, a second side

edge, a leading edge and a trailing edge, the first side edge affixed to the tubular sleeve at the first seam and the second side edge affixed to the tubular sleeve at the second seam such that the leading edge of the second panel overlaps the trailing edge of the first panel; and a third panel having at least a first side edge, a second side edge and a leading edge, the first side edge affixed to the tubular sleeve at the first seam and the second side edge affixed to the tubular sleeve at the second seam such that the leading edge of the third panel overlaps the trailing edge of the second panel.

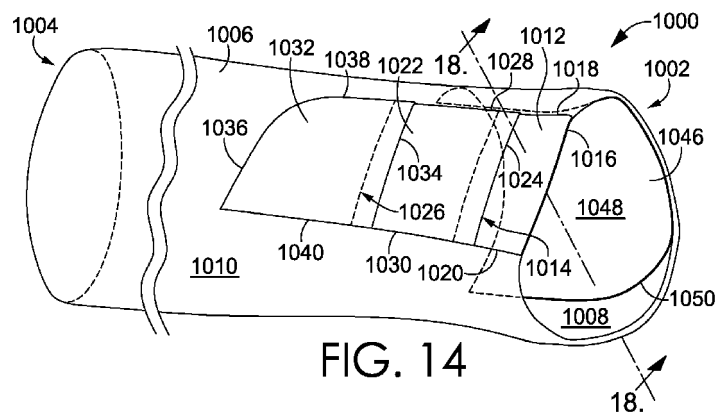


FIG. 14



EUROPEAN SEARCH REPORT

Application Number

EP 23 21 7877

5

10

15

20

25

30

35

40

45

50

55

1

EPO FORM 1503 03.82 (P04C01)

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2015/131913 A1 (PUMA SE [DE]) 11 September 2015 (2015-09-11) * figures 1-4 *	1-4	INV. A41D27/10 A41D19/00 A41D19/01
A	WO 2015/034722 A1 (DRIFIRE LLC [US]) 12 March 2015 (2015-03-12) * figure 26 *	1-4	
A	WO 2016/134159 A1 (NIKE INNOVATE CV [US]) 25 August 2016 (2016-08-25) * figures 3-5 *	1-4	
X,P	US 2017/119073 A1 (HORNER STEWART D [US] ET AL) 4 May 2017 (2017-05-04) * figure 1 *	1-4	
			TECHNICAL FIELDS SEARCHED (IPC)
			A41D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 February 2024	Examiner van Voorst, Frank
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 23 21 7877

5

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-02-2024

10

15

20

25

30

35

40

45

50

55

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2015131913 A1	11-09-2015	CA 2913668 A1	11-09-2015
		CN 105307528 A	03-02-2016
		EP 3113638 A1	11-01-2017
		ES 2717290 T3	20-06-2019
		JP 6228664 B2	08-11-2017
		JP 2016523316 A	08-08-2016
		KR 20150142060 A	21-12-2015
		MX 362716 B	25-01-2019
		RU 2606330 C1	10-01-2017
		US 2016302502 A1	20-10-2016
		WO 2015131913 A1	11-09-2015
WO 2015034722 A1	12-03-2015	CA 2919527 A1	12-03-2015
		US 2016198778 A1	14-07-2016
		WO 2015034722 A1	12-03-2015
WO 2016134159 A1	25-08-2016	CA 2989401 A1	25-08-2016
		CA 3216297 A1	25-08-2016
		EP 3282876 A1	21-02-2018
		US 2016242469 A1	25-08-2016
		US 2017215501 A1	03-08-2017
		US 2019335829 A1	07-11-2019
		US 2022211131 A1	07-07-2022
		WO 2016134159 A1	25-08-2016
US 2017119073 A1	04-05-2017	US 2017119073 A1	04-05-2017
		US 2020237038 A1	30-07-2020

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82