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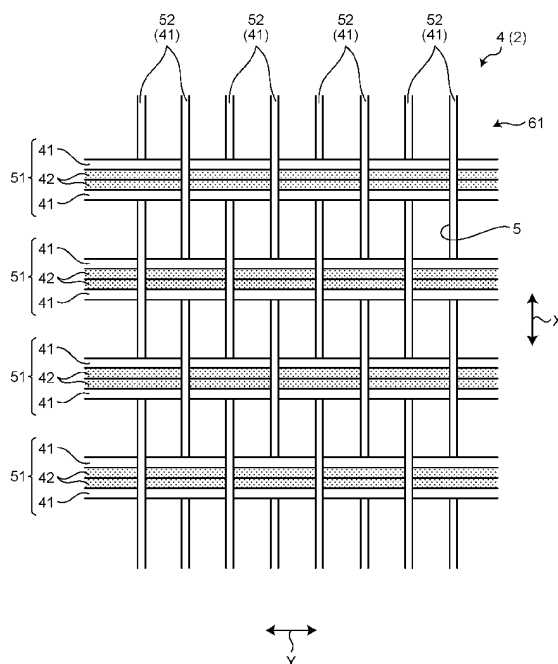
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(54) **UPPER AND SHOE**

(57) An upper includes an upper body 4 being a woven fabric, and the upper body 4 includes a first bundle body 51 in which a first linear body 41 and a second linear

body 42 are bundled along a first direction, and a second bundle body 52 in which the first linear body 41 is bundled along a second direction orthogonal to the first direction.

FIG.3



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (IPC) |
|--|--|----------------------------------|---|
| A | WO 2023/287013 A1 (SONG SOO BOK [KR]; SONG WON SEOK [KR]) 19 January 2023 (2023-01-19) * paragraph [0025] - paragraph [0056] * * figures 1-4 * | 1-14 | INV. A43B1/028 A43B1/05 A43B23/02 A43B23/04 D04B1/18 |
| A | WO 2016/123084 A1 (NIKE INNOVATE CV [US]) 4 August 2016 (2016-08-04) * page 4, line 16 - page 9, line 5 * * figures 1-6 * | 1-14 | D03D1/00 D03D9/00 D03D15/47 D03D15/56 D03D15/573 |
| A | EP 2 811 056 A1 (SONG SOO BOK [KR]) 10 December 2014 (2014-12-10) * paragraph [0042] - paragraph [0054] * * paragraph [0070] - paragraph [0075] * * figures 2, 6 * | 1-14 | D04B1/24 |
| | | | TECHNICAL FIELDS SEARCHED (IPC) |
| | | | D03D D04B |
| -The present search report has been drawn up for all claims | | | |
| Place of search | | Date of completion of the search | Examiner |
| The Hague | | 3 September 2024 | Hausding, Jan |
| 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 | | | |

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

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1 - 14

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-14

Woven shoe upper with multi-component and single component
yarn bundles

2. claims: 15-20

Knitted shoe upper with multi-component yarn bundles and
non-knitted region

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

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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
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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|---|----|---------------------|----|----------------------------|--|---------------------|
| WO 2023287013 | A1 | 19-01-2023 | CN | 116997272 A | | 03-11-2023 |
| | | | EP | 4371440 A1 | | 22-05-2024 |
| | | | KR | 20230011661 A | | 25-01-2023 |
| | | | WO | 2023287013 A1 | | 19-01-2023 |
| ----- | | | | | | |
| WO 2016123084 | A1 | 04-08-2016 | CN | 107205521 A | | 26-09-2017 |
| | | | CN | 110720704 A | | 24-01-2020 |
| | | | EP | 3250068 A1 | | 06-12-2017 |
| | | | EP | 3430931 A1 | | 23-01-2019 |
| | | | US | 2016213095 A1 | | 28-07-2016 |
| | | | US | 2020329818 A1 | | 22-10-2020 |
| | | | WO | 2016123084 A1 | | 04-08-2016 |
| ----- | | | | | | |
| EP 2811056 | A1 | 10-12-2014 | CN | 104161351 A | | 26-11-2014 |
| | | | EP | 2811056 A1 | | 10-12-2014 |
| | | | US | 2014338222 A1 | | 20-11-2014 |
| ----- | | | | | | |

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