

Search Report

Application No.

10202404122T

Application filing date

05/10/2021

(Earliest) Priority Date

07/10/2020

This Search Report is issued under Section 29(5) of the *Patents Act*.

☒ It is also accompanied by a copy of each prior art document cited in this report, except where otherwise indicated.

1. ☐ Certain claims were found **unsearchable** (*see Box I*)

2. ☐ **Unity of invention** is lacking (*see Box II*)

3. ☐ The application contains disclosure of a **nucleotide and/or amino acid sequence listing** and the search was carried out on the basis of the sequence listing.

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Office to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Office as appears in Box III.

6. The figure of the **drawings** to be published with the abstract is Fig. no. 15,

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

☐ because there are no drawings in the application.

☐ none of the figures.

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A. CLASSIFICATION OF SUBJECT-MATTER

According to International Patent Classification (IPC)
G01R 31/28, G01R 1/04

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the search (name of database and, where applicable, search terms used)

FAMPAT: tester, supporting structure, housing, wafer pack, portable, locking, unlocking, securing, valve, pressure, vacuum, fastening, latch, cavity, passage and other related terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim no.
X	US 2002/0030502 A1 (UHER, F. O. ET AL.) 14 March 2002	1-3, 12, 19-30
Y	Para. [0008], [0039], [0046]-[0047], [0054]-[0060], [0074], [0118], [0120],	4-8, 17-18
A	[0130]-[0131] Fig. 1, 5-8	9-11, 13-16
Y	US 2004/0012403 A1 (RICHMOND, D. P. ET AL.) 22 January 2004 Para. [0034], [0049] Fig. 7, 15	4-8, 17-18
A	US 2009/0015282 A1 (STEPS, S. C. ET AL.) 15 January 2009	

☐ Further documents are listed in the continuation of box C.

☐ See supplemental box for details of the scope of the search.

Special categories of cited documents:

A: document defining the general state of the art which is not considered to be of particular relevance

T: later document published after the filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

E: earlier application or patent but published on or after the filing date

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

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)

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

O: document referring to an oral disclosure, use, exhibition or other means

P: document published prior to the filing date but later than the priority date claimed

&: document member of the same patent family

Intellectual Property Office of Singapore

Date of actual completion of the search:

1 Paya Lebar Link #11-03

12/11/2025

PLQ 1, Paya Lebar Quarter

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