

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT2017-205	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/TR2017/050727	International filing date (<i>day/month/year</i>) 29 December 2017 (29-12-2017)	(Earliest) Priority Date (<i>day/month/year</i>) 14 March 2017 (14-03-2017)
Applicant ORAN, ELIF		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed
 a translation of the international application into EN, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6**bis**(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (see Box No III)

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

- the text is approved as submitted by the applicant
 the text has been established by this Authority to read as follows:

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

- the text is approved as submitted by the applicant
 the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 5
 as suggested by the applicant
 as selected by this Authority, because the applicant failed to suggest a figure
 as selected by this Authority, because this figure better characterizes the invention
- b. none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No
PCT/TR2017/050727

A. CLASSIFICATION OF SUBJECT MATTER
 INV. B63H11/113 B63H5/14 B63H5/15 H02K7/09 H02K7/14
 H02K16/00
 ADD.
 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)
 B63H B63J H02K

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 practicable, 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.
Y	WO 2009/153124 A2 (SIEMENS AG [DE]; SCHROEDER DIERK [DE]) 23 December 2009 (2009-12-23) figures 2-4, 6	1-31
Y	FR 2 768 119 A1 (TECHNICATOME [FR]) 12 March 1999 (1999-03-12) figure 1 claims 2, 6	1-31
Y	US 2013/157530 A1 (DAVIES BARRY JOHN [NZ]) 20 June 2013 (2013-06-20) figures 1-7 abstract	20
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 23 January 2019	Date of mailing of the international search report 30/01/2019
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Freire Gomez, Jon
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INTERNATIONAL SEARCH REPORT

International application No
PCT/TR2017/050727

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010/007148 A1 (DAVIS BARRY V [CA] ET AL) 14 January 2010 (2010-01-14) figures 1, 20, 23 paragraph [0072] -----	1-31
Y	US 5 117 141 A (HAWSEY ROBERT A [US] ET AL) 26 May 1992 (1992-05-26) figures 4, 5 column 5, lines 15-36 -----	5
Y	US 5 702 273 A (CHO CHAHEE PETER [US] ET AL) 30 December 1997 (1997-12-30) figure 3 -----	1-31
Y	US 2009/111339 A1 (SUZUKI AKITAKA [JP]) 30 April 2009 (2009-04-30) paragraphs [0027], [0065] -----	11-14
Y	US 5 256 090 A (WOOLLEY RUSSELL C [US]) 26 October 1993 (1993-10-26) figures 1-8 -----	11-14
A	TR 2011 09302 A2 (ORAN BUELENT [TR]) 23 January 2012 (2012-01-23) cited in the application figures 1-8 -----	1-31

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/TR2017/050727

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