

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference MPS-17-PCT	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2019/057599	International filing date ( <i>day/month/year</i> ) 10 September 2019 (10-09-2019)	(Earliest) Priority Date ( <i>day/month/year</i> ) 26 November 2018 (26-11-2018)
Applicant  MPS MICRO PRECISION SYSTEMS AG		

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 \_\_\_\_\_, 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. 3a  
 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/IB2019/057599

A. CLASSIFICATION OF SUBJECT MATTER  
INV. F16H25/22 F16H19/00 F16H19/06  
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)  
F16H

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.
A	US 2017/043865 A1 (QUENERCH'DU MARC [FR] ET AL) 16 February 2017 (2017-02-16) the whole document	1-15
A	GB 2 134 210 A (SKF NOVA AB) 8 August 1984 (1984-08-08) the whole document	1-15
A	DE 10 2012 022438 B3 (FESTO AG & CO KG [DE]) 20 February 2014 (2014-02-20) the whole document	1-15
A	US 2009/308192 A1 (LIN MING-YAO [TW] ET AL) 17 December 2009 (2009-12-17) the whole document	1-15
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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>"&amp;" document member of the same patent family</p>
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Date of the actual completion of the international search  30 October 2019	Date of mailing of the international search report  08/11/2019
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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  Ehrsam, Adrian
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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2019/057599

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 025 647 A (MOODY HARVEY H) 20 March 1962 (1962-03-20) the whole document	1-15
A	----- DE 10 2010 062561 A1 (HANNING ELEKTRO WERKE [DE]) 14 June 2012 (2012-06-14) the whole document -----	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2019/057599

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2017043865	A1	16-02-2017	EP 3130536 A1
			FR 3040041 A1
			US 2017043865 A1
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GB 2134210	A	08-08-1984	FR 2539839 A1
			GB 2134210 A
			JP S59144853 A
			SE 443033 B
			US 4586392 A
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DE 102012022438	B3	20-02-2014	NONE
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US 2009308192	A1	17-12-2009	NONE
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US 3025647	A	20-03-1962	NONE
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DE 102010062561	A1	14-06-2012	NONE
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