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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1331KIN	FOR FURTHER ACTION	as well	sce Form PCT/ISA/220 as, where applicable, item 5 below.
International application No. PCT/US2018/047931	International filing date (day/m 24 August 2018	onth/year)	(Earliest) Priority Date (day/month/year) 29 September 2017
Applicant KINEMATICS, LLC			
according to Article 18. A copy is bein This international search report consists	g transmitted to the International	Bureau.	Authority and is transmitted to the applicant report.
a translation of the i a translation furnish b. This international search authorized by or notified t c. With regard to any nucleo 2. Certain claims were foun 3. Unity of invention is lack 4. With regard to the title, the text is approved as sub	elication in the language in which international application intoed for the purposes of internationareport has been established taking this Authority under Rule 91 (Rule and/or amino acid sequenced dunsearchable (see Box No. II).	it was filed. al search (Ru g into accou ule 43.6bis(a e disclosed in	which is the language of ales 12.3(a) and 23.1(b)). ont the rectification of an obvious mistake
within one month from the 6. With regard to the drawings, a. the figure of the drawings to be as suggested by the as selected by this A as selected by this A	ed, according to Rule 38.2, by this edate of mailing of this internation by published with the abstract is Fig.	nal search re gure No1 iled to sugge	st a figure.

Form PCT/ISA/210 (first sheet) (January 2015)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US2018/047931

						
A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - F16H 57/03; F16C 17/10; F16C 19/16; F16H 1/16; F16H 19/02; F16H 19/04 (2018.01) CPC - F16H 57/039; F16H 2055/065; F16H 57/0025; F16H 2057/012; F16H 2057/02078; F16H 57/021; F16H 2057/0213; G01D 5/142 (2018.08)						
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) See Search History document						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 74/29; 74/30; 74/89.14; 74/425; 74/724 (keyword delimited)						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) See Search History document						
C. DOCUN	C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appro	Relevant to claim No.				
x	US 6,377,754 B1 (SUGITA et al) 23 April 2002 (23.04.:	12, 13				
A	US 2016/0091051 A1 (MORGAN) 31 March 2016 (31.	1-14				
A	CN 104153310 A (SHAOXING CHAO TIME CONTROL November 2014 (19.11.2014) see machine translation	1-14				
A	US 2014/0352465 A1 (MANDO CORPORATION) 04 D	December 2014 (04.12.2014) entire	1-14			
Further documents are listed in the continuation of Box C. See patent family annex.						
 "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is 		"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				
		"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				
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Date of the actual completion of the international search 02 October 2018		Date of mailing of the international search report 18 OCT 2018				
		Authorized officer Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774				