

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/EP2018/066977

A. CLASSIFICATION OF SUBJECT MATTER  
INV. F41H5/16 F41H5/013  
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)  
F41H

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 6 302 010 B1 (HOLLER CHRISTOPHER A [US]) 16 October 2001 (2001-10-16) column 1, lines 10-25 column 2, lines 33-47 column 4, line 46 - column 5, line 18 column 5, lines 19-47 figures 7-8	1-6
A	US 2014/083284 A1 (CHU PETER C [US] ET AL) 27 March 2014 (2014-03-27) figure 17	1-6
A	CN 105 486 173 A (UNIV GUANGXI) 13 April 2016 (2016-04-13) figures 1-2	1-6
A	KR 100 600 006 B1 (DAEWOO HEAVY IND & MACH [KR]) 13 July 2006 (2006-07-13) the whole document	1-6

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- "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
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "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
- "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
- "&" document member of the same patent family

Date of the actual completion of the international search <b>14 September 2018</b>	Date of mailing of the international search report <b>21/09/2018</b>
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2018/066977

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6302010	B1	16-10-2001	NONE
US 2014083284	A1	27-03-2014	NONE
CN 105486173	A	13-04-2016	NONE
KR 100600006	B1	13-07-2006	NONE