



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 90 87 82

Classification of the application (IPC):
B64F 5/60, G01M 13/025, B64C 13/28

Technical fields searched (IPC):
F42B, G01M, B64C, B64F, F16H,
G01L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 205665001 U (UNIV SICHUAN) 26 October 2016 (2016-10-26) * abstract; figures 1, 2 *	1, 3-7
X	CN 201594043 U (UNIV XIAN TECHNOLOGY) 29 September 2010 (2010-09-29) * abstract; figure 1 *	1, 2, 6
X	CN 108051208 A (UNIV SHANGHAI JIAN QIAO) 18 May 2018 (2018-05-18) * abstract; figures 1, 2 * * paragraph [0028] *	1, 6
X	EP 3404395 A1 (GOODRICH ACTUATION SYSTEMS SAS [FR]) 21 November 2018 (2018-11-21) * abstract; figures 7-10 *	1, 6
X	US 3312105 A (AMTSBERG LESTER A) 04 April 1967 (1967-04-04) * abstract; claims 1, 4-6; figures 1, 2 *	1, 6
A	TOMBUL G SERDAR: "Real time control of a fin loading system" 2016 17TH INTERNATIONAL CARPATHIAN CONTROL CONFERENCE (ICCC), IEEE, 29 May 2016 (2016-05-29), DOI: 10.1109/CARPATIANCC. 2016.7501195, pages 747-752, XP032917207 * abstract; figure 1 *	1-7
A	US 2005103556 A1 (PETERSON CHRISTOPHER E [US] ET AL) 19 May 2005 (2005-05-19) * abstract; figures 1, 2 *	1-7
A	US 6827310 B1 (WHITHAM KENT [US]) 07 December 2004 (2004-12-07) * abstract; claims 1, 10; figure 1 *	1-7

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 08 February 2022	Examiner Podratzky, Andreas
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 08-02-2022
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 205665001	U	26-10-2016	NONE	
CN 201594043	U	29-09-2010	NONE	
CN 108051208	A	18-05-2018	NONE	
EP 3404395	A1	21-11-2018	EP 3404395 A1	21-11-2018
			RU 2018117267 A	11-11-2019
			US 2018334268 A1	22-11-2018
US 3312105	A	04-04-1967	NONE	
US 2005103556	A1	19-05-2005	CA 2545705 A1	02-06-2005
			EP 1687169 A1	09-08-2006
			US 2005103556 A1	19-05-2005
			WO 2005049361 A1	02-06-2005
US 6827310	B1	07-12-2004	NONE	