

SUPPLEMENTARY EUROPEAN SEARCH **REPORT**

Application number: EP 21 78 78 85

Classification of the application (IPC): G05D 1/08, B64C 39/02, B64C 3/40, B64C 3/54, B64C 5/14, B64C 5/18, B64U 10/14, B64U 30/12, B64U 30/40, B64U 40/10, B64U 101/26

Technical fields searched (IPC): B64U, G05D, B64C

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim			
X	US 2017199527 A1 (CHANDRA RANVEER [US] ET AL)	1-3			
Y	13 July 2017 (2017-07-13)	4-8			
	* abstract; figures 1A-1D *				
	* paragraphs [0003], [0026] - [0029], [0047], [0048] *				
X	US 2017300066 A1 (DOUGLAS JASON MICHAEL K [US] ET AL)	1-3			
Y	19 October 2017 (2017-10-19)	4-8			
	* abstract; figures 1-3 *				
	* paragraphs [0021] - [0045] *				
Y	WO 2018163159 A1 (COLUGO SYSTEMS LTD [IL]) 13 September 2018 (2018-09-13) * abstract; figures 4A-C *	4-7			
Y	CN 203889066 U (LIU XIAOLIN ET AL.) 22 October 2014 (2014-10-22) * abstract; figures 1-7 *	4-7			
Y	US 2006144992 A1 (JHA AKHLLESH K [US] ET AL) 06 July 2006 (2006-07-06) * abstract; figures 1-4 * * paragraphs [0052] - [0060] *	4-8			
Y	WO 2020049600 A1 (FLYGILDI EHF [IS]) 12 March 2020 (2020-03-12) * abstract; figures 16, 18 *	4-8			

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 31 July 2023

Examiner Leoty, David

CATEGORY OF CITED DOCUMENTS

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

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 31-07-2023

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2017199527	A1	13-07-2017	CN EP US WO	108292136 A 3400493 A1 2017199527 A1 2017120067 A1	17-07-2018 14-11-2018 13-07-2017 13-07-2017
US 2017300066	A1	19-10-2017	AU US US WO	2017252251 A1 11119505 B1 2017300066 A1 2017184437 A1	08-11-2018 14-09-2021 19-10-2017 26-10-2017
WO 2018163159	A1	13-09-2018	EP JP JP US WO	3592645 A1 7197178 B2 2020514185 A 2021129985 A1 2018163159 A1	15-01-2020 27-12-2022 21-05-2020 06-05-2021 13-09-2018
CN 203889066	U	22-10-2014	NONE		
US 2006144992	A1	06-07-2006	NONE		
WO 2020049600	A1	12-03-2020	CN EP KR PL US WO	112888628 A 3847097 A1 20210054565 A 3847097 T3 2021354818 A1 2020049600 A1	01-06-2021 14-07-2021 13-05-2021 16-10-2023 18-11-2021 12-03-2020