



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 90 19 38

### Classification of the application (IPC):

E02F 3/36, B65G 65/04, B66F 9/06, E02F 3/34, E02F 3/38, E02F 9/08,  
E02F 9/26

### Technical fields searched (IPC):

E02F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	CN 103790193 A (QINGDAO LUDA PROJECT MACHINE MANUFACTURE CO LTD) 14 May 2014 (2014-05-14) * abstract; figures 1-3 *	1-12
Y	US 3122248 A (CAMPBELL TREVOR G ET AL) 25 February 1964 (1964-02-25) * column 2, line 3 - column 2, line 19; figure 1 *	1-15
Y	EP 3051032 A2 (GUANGXI LIUGONG MACHINERY CO [CN]) 03 August 2016 (2016-08-03) * the whole document *	1, 3-15
A	US 3045845 A (HACKETT THEODORE N ET AL) 24 July 1962 (1962-07-24) * column 2, line 7 - column 2, line 50; figure 1 *	1-15

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 09 March 2021	Examiner Rau, Guido
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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 09-03-2021  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 103790193	A	14-05-2014	NONE	
US 3122248	A	25-02-1964	NONE	
EP 3051032	A2	03-08-2016	CN 106164382 A	23-11-2016
			CN 109811812 A	28-05-2019
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			EP 3144431 A1	22-03-2017
			EP 3388583 A1	17-10-2018
			US 2016222624 A1	04-08-2016
			WO 2016123735 A1	11-08-2016
US 3045845	A	24-07-1962	NONE	