



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 77 13 87

Classification of the application (IPC):
E02F 9/20, 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
X A	NL 1043483 B1 (UNIV HUNAN [CN]) 18 February 2021 (2021-02-18) * page 3, lines 19-30 * * page 4, lines 8-17 * * page 7, line 18 - page 8, line 8 * * page 9, lines 17-29 * * page 11, line 10 - page 12, line 10 * * page 19, line 29 - page 20, line 2 * * page 13, lines 14-20; figures 2,4 *	1, 4, 8, 10, 13 2, 3, 5-7, 9, 11, 12, 14-16
A	CN 110499802 A (AIKESIWEI INTELLIGENT TECH SUZHOU CO LTD) 26 November 2019 (2019-11-26) * the whole document *	1-16
A	WO 2013191017 A1 (HITACHI CONSTRUCTION MACHINERY [JP]) 27 December 2013 (2013-12-27) * the whole document *	1-16

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 11 November 2024	Examiner Luta, Dragos
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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 11-11-2024
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			NL	1043483 B1	18-02-2021
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			WO	2013191017 A1	27-12-2013