



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 86 59 37

Classification of the application (IPC):
E02F 3/30, E04G 23/08, E02F 3/38, E02F 9/22, E02F 3/96

Technical fields searched (IPC):
E02F, E04G, B66C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	JP 2014101665 A (HITACHI CONSTRUCTION MACHINERY) 05 June 2014 (2014-06-05) * abstract; figures 1-14 *	1, 4 2, 3
A	JP 2008274662 A (HITACHI CONSTRUCTION MACHINERY) 13 November 2008 (2008-11-13) * abstract; figures 1-10 *	1-4
A,D	JP 2011256626 A (HITACHI CONSTRUCTION MACHINERY) 22 December 2011 (2011-12-22) * abstract; figures 1-15 *	1-4
A	JP 2005105520 A (KOBELCO CONSTR MACHINERY LTD) 21 April 2005 (2005-04-21) * abstract; figures 1-9 *	1-4
A	DE 102014013734 A1 (SCHWING GMBH F [DE]) 24 March 2016 (2016-03-24) * abstract; figures 1-9b *	1-4

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 25 May 2022	Examiner Ferrien, Yann
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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 25-05-2022
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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