



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 76 93 22

Classification of the application (IPC):
E21B 7/00, E21B 27/00, E02F 3/407, E02D 17/13

Technical fields searched (IPC):
E21B, E02F, E02D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	US 2013269220 A1 (MATTHIAS ERIC [US] ET AL) 17 October 2013 (2013-10-17) * das ganze Dokument *	1-9
A	EP 0363899 A1 (HITACHI CONSTRUCTION MACHINERY [JP] ET AL.) 18 April 1990 (1990-04-18) * Abbildung 1 *	1-9
A	US 9376880 B2 (BAUER MASCHINEN GMBH [DE]) 28 June 2016 (2016-06-28) * Abbildungen *	1-9

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 12 April 2022	Examiner Pieper, Fabian
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CATEGORY OF CITED DOCUMENTS

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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 12-04-2022
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2013269220	A1	17-10-2013	KEINE	
EP 0363899	A1	18-04-1990	KEINE	
US 9376880	B2	28-06-2016	EP 2740882 A1	11-06-2014
			US 2014151126 A1	05-06-2014