



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 86 35 35

Classification of the application (IPC):
E03C 1/00, E03B 1/04, E04F 19/08, E03C 1/04

Technical fields searched (IPC):
E03B, E03C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 4548340 A (MESSER CHARLES L [US]) 22 October 1985 (1985-10-22) * columns 1-5; figures 1-3 *	1-4, 6-9 5, 10, 11
X	US 5241715 A (DUVALL WILLIAM K [US] ET AL) 07 September 1993 (1993-09-07) * columns 1-4; figures 1-5 *	1-3, 7
Y	ES 2262440 A1 (DAMASO MARTIN GOMEZ [ES]) 16 November 2006 (2006-11-16) * columns 1-6; figure 1 *	5, 10, 11

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 The Hague	Date of completion of the search 22 April 2022	Examiner Posavec, Daniel
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CATEGORY OF CITED DOCUMENTS

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| 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 |
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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 22-04-2022
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4548340	A	22-10-1985	NONE		
US 5241715	A	07-09-1993	US	5241715 A	07-09-1993
			US	5307530 A	03-05-1994
ES 2262440	A1	16-11-2006	NONE		