



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 79 98 58

Classification of the application (IPC):

F41B 7/08, F41B 11/50, F41B 11/73, F41A 9/70, F41B 11/89, A63H 33/18, F41B 11/642, F41B 11/55

Technical fields searched (IPC):

F41B, F41A

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	GB 2206055 A (FERRI GIAMPIERO) 29 December 1988 (1988-12-29) * abstract; figure 1 * * page 2, line 32 - page 3, line 31 *	1-10
A	US 9389042 B1 (CLAYTON RICHARD A [US]) 12 July 2016 (2016-07-12) * abstract; figures 15-17 * * column 7, line 53 - column 8, line 58 *	1-10
A	US 3572310 A (CHIBA KENSUKE) 23 March 1971 (1971-03-23) * abstract; figures 1-4 * * column 2, line 51 - column 3, line 3 *	1
A	US 2735206 A (BUTLER W. B. ET AL.) 21 February 1956 (1956-02-21) * figures 1-9 * * column 3, lines 7-29 * * column 4, lines 2-36 *	1

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 04 April 2024	Examiner Schwingel, Dirk
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CATEGORY OF CITED DOCUMENTS

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| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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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 04-04-2024
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
GB 2206055	A	29-12-1988	DE	3820122 A1	29-12-1988
			FR	2616345 A1	16-12-1988
			GB	2206055 A	29-12-1988
			IT	1217075 B	14-03-1990
US 9389042	B1	12-07-2016	US	9389042 B1	12-07-2016
			US	9534865 B1	03-01-2017
US 3572310	A	23-03-1971	CH	485997 A	15-02-1970
			DE	1905216 A1	28-08-1969
			US	3572310 A	23-03-1971
US 2735206	A	21-02-1956	NONE		