



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 94 06 93

Classification of the application (IPC):
A61B 10/02, A61M 25/10

Technical fields searched (IPC):
A61B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2018204659 A1 (UNIV CASE WESTERN RESERVE [US]) 08 November 2018 (2018-11-08) * paragraph [0023] - paragraph [0026] * * paragraph [0030] - paragraph [0036] * * paragraph [0041] - paragraph [0042]; figures 1-13 *	1-15
X	US 2016317132 A1 (MARKOWITZ SANFORD [US] ET AL) 03 November 2016 (2016-11-03) * the whole document *	1-15
A	WO 9423787 A1 (RAMMLER DAVID H [US]) 27 October 1994 (1994-10-27) * the whole document *	1-15
A	US 2020022685 A1 (BRODBECK ACHIM [DE] ET AL) 23 January 2020 (2020-01-23) * the whole document *	1-15

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 18 December 2023	Examiner Jansson Godoy, Nina
---------------------------	--	---------------------------------

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 |

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 94 06 93

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 18-12-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 2018204659	A1	08-11-2018	AU	2018261544 A1	28-11-2019
			CA	3062305 A1	08-11-2018
			CN	110709015 A	17-01-2020
			CN	116369988 A	04-07-2023
			EP	3618724 A1	11-03-2020
			JP	7203430 B2	13-01-2023
			JP	7203430 B6	02-02-2023
			JP	2020518382 A	25-06-2020
			US	2020077992 A1	12-03-2020
			WO	2018204659 A1	08-11-2018
US 2016317132	A1	03-11-2016	AU	2014361829 A1	30-06-2016
			AU	2019253820 A1	14-11-2019
			CA	2933550 A1	18-06-2015
			CA	3147619 A1	18-06-2015
			EP	3079598 A1	19-10-2016
			EP	3622894 A1	18-03-2020
			US	2016317132 A1	03-11-2016
			US	2019261962 A1	29-08-2019
			US	2022096060 A1	31-03-2022
			US	2022096061 A1	31-03-2022
			US	2022096062 A1	31-03-2022
			US	2022096063 A1	31-03-2022
			US	2022096064 A1	31-03-2022
			WO	2015089422 A1	18-06-2015
WO9423787	A1	27-10-1994	NONE		
US 2020022685	A1	23-01-2020	BR	102019014188 A2	21-01-2020
			CN	110720957 A	24-01-2020
			EP	3597112 A1	22-01-2020
			EP	3597113 A1	22-01-2020
			JP	7252083 B2	04-04-2023
			JP	2020032171 A	05-03-2020
			KR	20200008957 A	29-01-2020
			PL	3597113 T3	20-05-2024
			RU	2019121541 A	12-01-2021
			US	2020022685 A1	23-01-2020