



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 91 72 33

**Classification of the application (IPC):**  
A61B 17/12, A61B 17/00, A61M 5/00, A61M 25/00, A61M 25/14

**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 Y	US 2018228494 A1 (WALZMAN DANIEL E [US]) 16 August 2018 (2018-08-16) * paragraph [0003] * * paragraph [0017] * * paragraph [0031] - paragraph [0051] * * figures 1-7 *	1-5, 7, 11-15 10
Y	US 2015209550 A1 (TEH E-JEN [MY] ET AL) 30 July 2015 (2015-07-30) * paragraph [0002] * * paragraph [0036] - paragraph [0040] * * figures 1, 2 *	10
A	US 2018049747 A1 (TAL MICHAEL GABRIEL [IL] ET AL) 22 February 2018 (2018-02-22) * paragraph [0002] * * paragraph [0084] - paragraph [0086] * * paragraph [0105] * * paragraph [0112] - paragraph [0114] *	1, 2, 4, 8, 11, 13

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 January 2024	Examiner Schnell Carballo, G
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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 12-01-2024.  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 2015209550	A1	30-07-2015	NONE
US 2018049747	A1	22-02-2018	BR 112017018851 A2 24-04-2018 CA 2978394 A1 09-09-2016 CN 107530157 A 02-01-2018 EP 3264997 A2 10-01-2018 EP 3264998 A1 10-01-2018 EP 3265024 A1 10-01-2018 EP 3469996 A1 17-04-2019 ES 2721312 T3 30-07-2019 ES 2907571 T3 25-04-2022 HK 1248500 A1 19-10-2018 HK 1248512 A1 19-10-2018 JP 6703547 B2 03-06-2020 JP 7055021 B2 15-04-2022 JP 7058317 B2 21-04-2022 JP 2018507060 A 15-03-2018 JP 2018507061 A 15-03-2018 JP 2018508283 A 29-03-2018 JP 2021045595 A 25-03-2021 KR 20170128411 A 22-11-2017 PL 3264997 T3 31-07-2019 US 2018028194 A1 01-02-2018 US 2018049747 A1 22-02-2018 US 2018049860 A1 22-02-2018 US 2020030077 A1 30-01-2020 US 2021259703 A1 26-08-2021 WO 2016139590 A1 09-09-2016 WO 2016139597 A2 09-09-2016 WO 2016139606 A1 09-09-2016