



**SUPPLEMENTARY EUROPEAN SEARCH REPORT**

Application number:  
EP 22 75 71 59

**Classification of the application (IPC):**  
A61M 25/06, A61M 39/26, A61M 39/06, A61M 39/10

**Technical fields searched (IPC):**  
A61M

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 10850069 B2 (I V ACCESS TECH INC [US])	1-15
Y	01 December 2020 (2020-12-01) * figures 11A-12C *	14
A	US 2013204226 A1 (KEYSER STEPHEN RICHARD [US]) 08 August 2013 (2013-08-08) * figure 2 *	1-15
X	US 2010193516 A1 (LABEAN ROBERT J [US] ET AL)	14
Y	05 August 2010 (2010-08-05)	14
A	* figure 3 *	1-13, 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 14 August 2024	Examiner Fisentzou, Vikentios
---------------------------	--	----------------------------------

**CATEGORY OF CITED DOCUMENTS**

- X: particularly relevant if taken alone
- Y: particularly relevant if combined with another document of the same category
- A: technological background
- O: non-written disclosure
- & : member of the same patent family, corresponding document
- P: intermediate document
- T: theory or principle underlying the invention
- E: earlier patent document, but published on, or after the filing date
- D: document cited in the application
- 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 22 75 71 59

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 14-08-2024.  
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
US 10850069 B2	01-12-2020	AU 2018324024 A1	12-03-2020
		CN 111032136 A	17-04-2020
		EP 3651845 A1	20-05-2020
		JP 2020532366 A	12-11-2020
		US 2019060616 A1	28-02-2019
		US 2020016375 A1	16-01-2020
		US 2020061346 A1	27-02-2020
		US 2021031009 A1	04-02-2021
		WO 2019046456 A1	07-03-2019
		US 2013204226 A1	08-08-2013
BR 112014019419 A2	27-06-2017		
CA 2863721 A1	15-08-2013		
EP 2812067 A1	17-12-2014		
JP 6378095 B2	22-08-2018		
JP 2015511149 A	16-04-2015		
JP 2018118083 A	02-08-2018		
NZ 628914 A	29-04-2016		
US 2013204226 A1	08-08-2013		
WO 2013119557 A1	15-08-2013		
US 2010193516 A1	05-08-2010	AR 075689 A1	20-04-2011
		AU 2010208667 A1	28-07-2011
		BR PI1008156 A2	08-03-2016
		CA 2749545 A1	05-08-2010
		CN 102300781 A	28-12-2011
		EP 2411298 A1	01-02-2012
		RU 2011136457 A	10-03-2013
		US 2010193516 A1	05-08-2010
		WO 2010087943 A1	05-08-2010