



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 85 58 22

Classification of the application (IPC):

A62B 18/00, A62B 18/04, A62B 7/00, A61F 9/06, A62B 18/02, A41D 13/11, A61F 9/02

Technical fields searched (IPC):

A44C, A41D, A62B, A61F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	CN 103961822 A (XIAO YONGCHU; XIAO HE) 06 August 2014 (2014-08-06) * abstract * * paragraph [0014] * * paragraphs [0018] - [0021] * * paragraphs [0034] - [0037] * * paragraphs [0057] - [0060] * * figures 1-15 *	1-11, 14 12, 13, 15
X	BE 555402 A (GORAY W [BE]) 12 February 1960 (1960-02-12) * page 3, paragraph 3 - page 6, paragraph 2 * * figure 1 *	1, 3, 5
X A	KR 101460942 B1 (LIM MEE YOUNG [KR]) 13 November 2014 (2014-11-13) * paragraph [0006] * * paragraphs [0012] - [0068] * * figures 2-8 *	11-14 1-10, 15
X,P A,P	& WO 2015167098 A1 (LIM MEE YOUNG [KR]) 05 November 2015 (2015-11-05) * paragraph [0009] * * paragraphs [0025] - [0081] * * figures 2-8 *	11-14 1-10, 15
X Y A	US 4331141 A (POKHIS NAUM) 25 May 1982 (1982-05-25) * column 2, line 64 - column 3, line 5 * * column 4, lines 10-37 * * figures 7, 8 *	11, 12 15 1-10, 13, 14

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 13 June 2019	Examiner Zupancic, Gregor
------------------------------	--	------------------------------

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.



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 85 58 22

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2015256010 A1 (SCANDURRA MARCO [US])	15
A	10 September 2015 (2015-09-10) * paragraphs [0005], [0006] * * paragraphs [0019] - [0025] * * figures 1-9 *	1-14

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 13 June 2019	Examiner Zupancic, Gregor
------------------------------	--	------------------------------

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 16 85 58 22

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 13-06-2019
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
CN 103961822	A	06-08-2014	NONE	
BE 555402	A	12-02-1960	NONE	
KR 101460942	B1	13-11-2014	CN 106102839 A	09-11-2016
			KR 101460942 B1	13-11-2014
			WO 2015167098 A1	05-11-2015
US 4331141	A	25-05-1982	NONE	
US 2015256010	A1	10-09-2015	NONE	