



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 75 68 18

Classification of the application (IPC):
A63B 69/00, A63B 71/06, A63B 24/00, A63B 63/00

Technical fields searched (IPC):
A63B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	ES 2204341 A1 (ZUBIA EROSTARBE LUIS [ES]; ARRIETA ARRIETA LEIRE) 16 April 2004 (2004-04-16) * column 1, lines 3-4; column 3, line 60 - column 4, line 24; column 4, lines 37-46; column 4, line 64 - column 5, line 20; column 7, lines 3-15; claim 2; figure 1 *	1-15
Y	CN 105920817 A (UNIV SHAANXI TECHNOLOGY) 07 September 2016 (2016-09-07) * paragraph [0019]; claim 1; figure 1 *	1-15
A	US 2008246221 A1 (O'SULLIVAN JOHN JOE [IE]) 09 October 2008 (2008-10-09) * paragraphs [0019], [0073], [0076], [0092]; claims 13, 20; figure 5 *	1-15
A	US 2019160356 A1 (LALAOUA NABILE [US]) 30 May 2019 (2019-05-30) * 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 05 February 2024	Examiner Vesin, Stéphane
---------------------------	--	-----------------------------

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 |
| | L: document cited for other reasons |
| & : member of the same patent family, corresponding document | |

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 21 75 68 18

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 05-02-2024
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
ES 2204341	A1	16-04-2004	NONE		
CN 105920817	A	07-09-2016	NONE		
US 2008246221	A1	09-10-2008	AT	E468894 T1	15-06-2010
			CY	1110761 T1	10-06-2015
			DK	1926535 T3	27-09-2010
			EP	1926535 A2	04-06-2008
			ES	2348102 T3	30-11-2010
			PL	1926535 T3	31-03-2011
			PT	1926535 E	27-08-2010
			US	2008246221 A1	09-10-2008
			WO	2007039056 A2	12-04-2007
US 2019160356	A1	30-05-2019	NONE		