



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 92 63 22

Classification of the application (IPC):
A63B 21/072, A63B 21/075, A63B 71/00

Technical fields searched (IPC):
A63B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	CN 113975716 A (SHANXI XINHE IND CO LTD) 28 January 2022 (2022-01-28) * the whole document *	1, 2, 4-7 1, 3, 4, 6, 7
Y	CN 206837333 U (HU ZHIPEI) 05 January 2018 (2018-01-05) * claim 2 * * paragraph [0033] - paragraph [0034] *	1-7
Y	CN 217391491 U (ZHUO ZHIYONG) 09 September 2022 (2022-09-09) * embodiments shown in FIGS. 11 to 13 *	2, 5
A	US 2017259107 A1 (SHALVI ALON [IL] ET AL) 14 September 2017 (2017-09-14) * paragraph [0093] * * paragraph [0097] *	1

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 16 October 2024	Examiner Tejada Biarge, Diego
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| 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 |
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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 16-10-2024
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
CN 113975716	A	28-01-2022	CN WO	113975716 A 2023097859 A1	28-01-2022 08-06-2023
CN 206837333	U	05-01-2018	NONE		
CN 217391491	U	09-09-2022	NONE		
US 2017259107	A1	14-09-2017	US WO	2017259107 A1 2016084089 A1	14-09-2017 02-06-2016