



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 74 84 57

Classification of the application (IPC):
A63B 21/06, A63B 21/00, A63B 21/072, 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
Y A	US 2014200119 A1 (SIDES, JR.) 17 July 2014 (2014-07-17) * paragraphs [35]-[38], [44]; claim 2; figures 3-5 *	1-9, 11-15 10
Y	US 9751270 B2 (THOMPSON RONALD H [US]; ADVANCING MOBILITY LLC [US]) 05 September 2017 (2017-09-05) * column 2, lines 19-32; figures 1-7 *	1-9, 11-15
A	CN 201248992 Y (ZHIYANG LIN [CN]) 03 June 2009 (2009-06-03) * figures *	1-15
A	US 2008200315 A1 (LIN VINCENT [TW]) 21 August 2008 (2008-08-21) * paragraph [0004]; figures *	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 October 2021	Examiner Vesin, Stéphane
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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 |
| & : 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 05-10-2021
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2014200119	A1	17-07-2014	NONE	
US 9751270	B2	05-09-2017	CA 2915483 A1	18-12-2014
			EP 3007909 A1	20-04-2016
			US 2014367007 A1	18-12-2014
			US 2017368775 A1	28-12-2017
			US 2019111645 A1	18-04-2019
			US 2020324498 A1	15-10-2020
			US 2021245463 A1	12-08-2021
			WO 2014201368 A1	18-12-2014
CN 201248992	Y	03-06-2009	NONE	
US 2008200315	A1	21-08-2008	NONE	