

**SUPPLEMENTARY EUROPEAN SEARCH
REPORT**Application number:
EP 21 93 05 37Classification of the application (IPC):
A63B 57/10, A63B 57/00, A63B 57/13, A63B 57/15, A63B 69/36Technical fields searched (IPC):
A63B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	US 2009325726 A1 (HUMPHREY ROBERT J [US]) 31 December 2009 (2009-12-31) * figures 7-9 *	1, 2, 7 3-6, 8
X Y	US 2016199709 A1 (ROST GREG [US]) 14 July 2016 (2016-07-14) * paragraph [0044]; figure 9 *	9-12, 14 13
X	WO 2006109142 A1 (RANGILA NAIEM ISMAIL [ZA]) 19 October 2006 (2006-10-19) * page 14, lines 12-16; figures 1, 6-8 *	9-11, 15
X	GB 326915 A (CLEMENT MANSEL JONES) 27 March 1930 (1930-03-27) * figures 2,3 *	9, 10, 14
Y	US 2010075782 A1 (STILES CRAIG ALLAN [US]) 25 March 2010 (2010-03-25) * paragraph [0030]; figure 1 *	13

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 15 October 2024	Examiner Lundblad, Hampus
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CATEGORY OF CITED DOCUMENTS

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2009325726	A1	31-12-2009	NONE		
US 2016199709	A1	14-07-2016	US	2016199709 A1	14-07-2016
			US	2017106258 A1	20-04-2017
WO2006109142	A1	19-10-2006	NONE		
GB 326915	A	27-03-1930	NONE		
US 2010075782	A1	25-03-2010	US	2010075782 A1	25-03-2010
			WO	2010033831 A2	25-03-2010