



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 07 45

Classification of the application (IPC):
A63B 37/14, A63B 69/36, A63B 37/00, A63B 43/00, A63B 71/06

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	US 7691005 B2 (SRI SPORTS LTD [JP]) 06 April 2010 (2010-04-06)	1, 2, 5
Y	* pages 2-8; claims; figures 1A, 1B, 2F, 2G, 2H, 3A, 3D *	6, 7
X	US D524884 S1 (SANO) 11 July 2006 (2006-07-11)	1, 2, 4-7
	* page 1; figures 1, 7-10 *	
X	US D523100 S1 (SANO HITOHIDE [JP]) 13 June 2006 (2006-06-13)	1, 2, 5-7
	* page 1; figures 1, 7-10 *	
X	WO 2009039367 A1 (PLAYDATA SYSTEMS INC [US])	1-3, 5
Y	26 March 2009 (2009-03-26)	6, 7
	* claims; figures 1-2 *	
X	WO 2017062576 A1 (RM&G PRODUCTS [US]) 13 April 2017 (2017-04-13)	1, 2, 5
Y	* claims; figure 3 *	6, 7
X	US 5067719 A (MOOK WILLIAM H [US]) 26 November 1991 (1991-11-26)	1, 2, 5
Y	* claims; figures 4-5 *	6, 7
A	US 2012258815 A1 (BARRETT W RAYMOND [US])	1, 2
	11 October 2012 (2012-10-11)	
	* paragraphs [0020], [0027]; figures *	
Y	US D503759 S1 (VAN BELLINGER BRAD [US]) 05 April 2005 (2005-04-05)	6, 7
A	* page 1; figure 1 *	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 10 July 2023	Examiner Herry, Manuel
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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

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7

Independent claim 1 specifies that the indicia of the golf ball alignment device further comprises a third line segment disposed between the first and second line segments, the third line segment extending along the midline between the first and second line segments, said indicia providing an alignment reference on the golf ball for a user to align the third line segment with an intended direction of travel of the golf ball toward a target and to align the spaced interval at the first ends of the first and second line segments such that the first and second line segments appear to converge toward the target. With these features, the user may use the third line segment to focus their view to the center of the indicia between the first and second line segments and to position the third line segment at the center of the target for precise alignment of the ball with the target (see paragraph 24 of the application).

2. claims: 8-14

According to independent claim 8 the indicia of the golf ball range-finding device is configured to measure a distance from the golf ball to a target by aligning the target between the first and second line segments and rotating the golf ball until sides of the target are positioned at inner edges or tips of the first and second line segments, wherein a location along the first and second line segments where the sides of the target are positioned at the inner edges or tips of the first and second line segments indicates the distance from the golf ball to the target. These features provide an indication of a distance from the golf ball to the target based on a visual perception of the target in relation to the spacing between the first and second line segments (see paragraph 27 of the application).

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-7

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 10 July 2023	Examiner Herry, Manuel
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 07 45

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 10-07-2023
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