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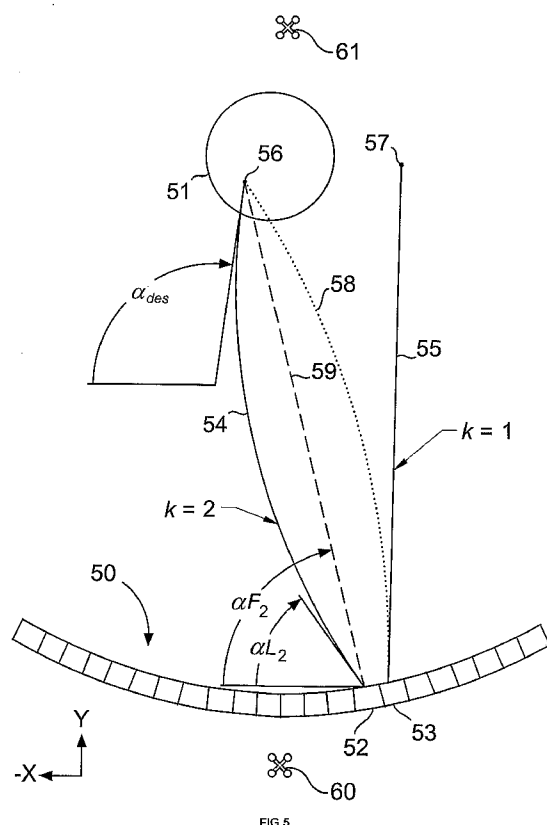
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(54) Title: METHODS AND SYSTEMS FOR IDENTIFYING THE LAUNCH POSITIONS OF DESCENDING GOLF BALLS



(57) Abstract: Identification of the tee-off bay (52; 53) from which a golf ball landing on a golf-range target (51) originated, is made by calculating an estimate of flight duration (E_{durk}) of the descending ball as a function of the measured angle (β) of descent in elevation, and, in respect of each ball launched from the bays (52,53), comparing this estimate for a match with a measured interval between the launch of the respective ball and descent of the descending ball. The originating bay (52/53) of the launched ball for which there is the closest match is identified as the origin of the descending ball, and ambiguity or uncertainty between which bay (52,53) is identified is resolved through comparison of the measured angle (α_{des}) of descent in azimuth of the descending ball with estimates (E_{dirk}) of it calculated for each launched ball, and through similar comparison in respect of a calculated deceleration ratio (E_{deck}) and flight duration (D_{urk}).



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01P A63B G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/002640 A (INTERACTIVE SPORTS GAMES AS [DK]; TUXEN FREDRIK [DK]) 12 January 2006 (2006-01-12) pages 1,8,9 page 2, line 26 - page 3, line 4 page 14, line 6 - page 16, line 11 -----	1,12
A	WO 2005/116678 A (INTERACTIVE SPORTS GAMES AS [DK]; TUXEN FREDRIK [DK]) 8 December 2005 (2005-12-08) figures 1,2,11 page 6, line 4 - line 12 page 22, line 14 - line 26 claims 13,41 ----- -/--	1,12

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 631 654 A (KARR THOMAS J [US]) 20 May 1997 (1997-05-20) column 6, line 45 - line 49 column 10, line 43 - line 49 column 14, line 6 - line 45; figure 7 -----	1,12

INTERNATIONAL SEARCH REPORT

Information on patent family members

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			US	2008139330 A1	12-06-2008
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