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440-8601 (JP). **TAKANO, Tsuneo** [JP/JP]; c/o Toyohashi Plants, Mitsubishi Rayon Co., Ltd., 1-2, Ushikawadori 4-chome, Toyohashi-shi, Aichi 440-8601 (JP).

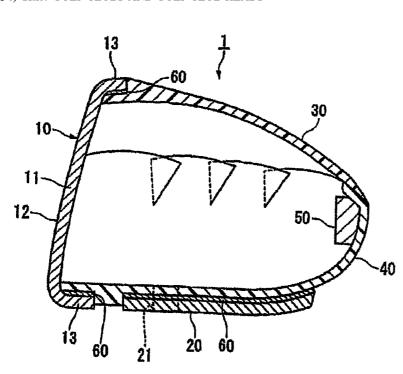
- (74) Agent: RAUCHHOLZ, William, F.; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, NW, Washington, D.C. 20001-4597 (US).
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[Continued on next page]

(54) Title: GOLF CLUBS AND GOLF CLUB HEADS



(57) Abstract: A golf club head enables the initial velocity of a ball to be increased and enables the carry to be lengthened. In some example structures, the golf club includes a face plate formed from metal and club head body (e.g., a crown and sole) formed from fiber reinforced plastic. A weighted body is provided inside the rearmost portion of the golf club head and a low rigidity portion whose width becomes gradually narrower as it approaches the rearmost portion is provided in the crown extending from the vicinity of the face plate to the rearmost portion.

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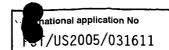


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# A. CLASSIFICATION OF SUBJECT MATTER A63B53/04

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#### **B. FIELDS SEARCHED**

 $\begin{tabular}{ll} Minimum documentation searched (classification system followed by classification symbols) \\ A63B \end{tabular}$ 

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

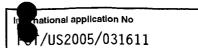
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

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X Further documents are listed in the continuation of Box C.	X See patent family annex.
* Special categories of cited documents:  *A* document defining the general state of the art which is not considered to be of particular relevance  *E* earlier document but published on or after the international filing date  *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other means  *P* document published prior to the international filing date but later than the priority date claimed	<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the international search  30 March 2006  Name and mailing address of the ISA/  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk	Date of mailing of the international search report  06/04/2006  Authorized officer
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