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(54) **Racket**

(57) A racket (1) includes: a handle (30); a shaft (20); and an annular frame (10). The frame is connected to the handle through the shaft. The frame includes: a central region (12) in a shaft-axial direction along which the shaft extends; a root region (13) located in a shaft side area relative to the central region in the shaft-axial direction; and a tip region (11) located in a racket-tip side area relative to the central region in the shaft-axial direction. The central region is smaller in thickness (TH1) in a direction perpendicular to a plane defined by the frame than the root region (TH3) and the tip region (TH2).

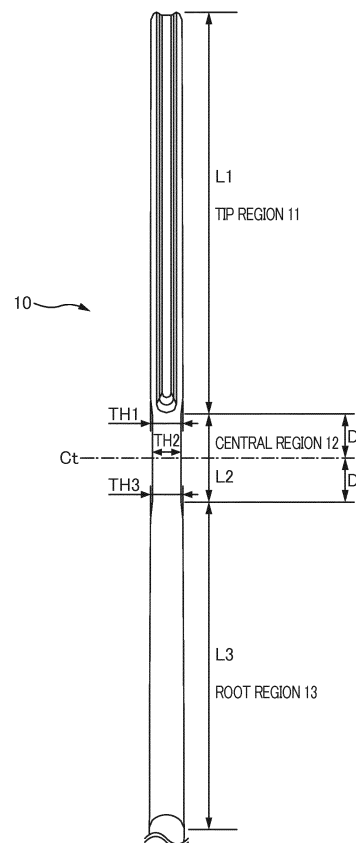


FIG. 2

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## EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                     |                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Category                                                                                                                                                                                                                | Citation of document with indication, where appropriate, of relevant passages                                                                                               | Relevant to claim                                                                                                                                                                                                                                                            | CLASSIFICATION OF THE APPLICATION (IPC)     |
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| X                                                                                                                                                                                                                       | DE 43 22 453 C1 (TSENG KUNI [TW])<br>16 February 1995 (1995-02-16)<br>* column 2, line 67 - column 3, line 14;<br>figure 7 *                                                | 1,2,4,5                                                                                                                                                                                                                                                                      |                                             |
| X                                                                                                                                                                                                                       | WO 91/03283 A1 (HEAD SPORTGERAETE GMBH [AT]) 21 March 1991 (1991-03-21)<br>* page 5, line 20 - page 8, line 16;<br>figures 1-7 *                                            | 1,4,5                                                                                                                                                                                                                                                                        |                                             |
|                                                                                                                                                                                                                         |                                                                                                                                                                             |                                                                                                                                                                                                                                                                              | TECHNICAL FIELDS SEARCHED (IPC)             |
|                                                                                                                                                                                                                         |                                                                                                                                                                             |                                                                                                                                                                                                                                                                              | A63B                                        |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |                                             |
| Place of search<br>Munich                                                                                                                                                                                               |                                                                                                                                                                             | Date of completion of the search<br>5 November 2014                                                                                                                                                                                                                          | Examiner<br>Jekabsons, Armands              |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                             |                                                                                                                                                                             | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                             |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |                                             |

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**ANNEX TO THE 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.  
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