

Title (en)
RACKET

Title (de)
BALLSCHLÄGER

Title (fr)
INSTRUMENT DE FRAPPE DE BALLES

Publication
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Application
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Abstract (en)
[origin: US7553246B2] The invention concerns a racket for ball and shuttlecock games such as tennis, squash or badminton. With the objective of generally improving the playing characteristics of the racket and to adapt the racket to the ergonomic movements of the player on serving, receiving and returning the ball with more effective utilization of the striking force, the racket has an S shaped configuration throughout and has a midline 5 running in a common S shape for the striking part 1, the shaft 2 and the grip 3, such that the upper and lower points of intersection of the head frame 6 and the striking part 1 lie on the midline 5, while the arrangement of shaft 2 and grip 3 follows the course of the midline 5 in their longitudinal extension and the cross sections of the profiles 6.1; 6.2 of the headframe 6 and shaft 2 are different in the halves of the racket separated by the midline 5-FIG. 1. The racket according to the invention has an arc-shaped grip 3 designed as a segment of a circle, designed and arranged with respect to the striking part 1 so that each of the tangents 10, 17 of the inner and outer arcs 16, 15 of the grip intersect the striking surface 9 of the striking part and the parts of the striking surface to the right side of the symmetry axis 14 of the striking part are limited on one side by an outermost tangent 10 running from the grip base 3.1 to the outer arc 15-FIG. 1.

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