

Title (en)  
Racket for playing a game with a ball.

Title (de)  
Schläger für Ballspiele.

Title (fr)  
Raquettes pour jeux de balles.

Publication  
**EP 0317711 A2 19890531 (EN)**

Application  
**EP 88112740 A 19880804**

Priority  
US 7999187 A 19870804

Abstract (en)  
The stiffness of a tennis racket is adjusted so that the first mode of bending of the racket under free-free constraint conditions is between 170 Hz and 250 Hz preferably between 200 Hz and 210 Hz. The second mode of bending under clamped-free constraint conditions is between 215 Hz and 315 Hz and preferably between 230 Hz and 265 Hz.

IPC 1-7  
**A63B 49/00**; **A63B 59/00**

IPC 8 full level  
**A63B 49/00** (2006.01); **A63B 49/02** (2006.01); **A63B 49/10** (2006.01); **A63B 59/00** (2006.01)

CPC (source: EP KR US)  
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**A63B 49/022** (2015.10 - EP); **A63B 49/03** (2015.10 - EP); **A63B 60/002** (2020.08 - US); **A63B 60/48** (2015.10 - EP);  
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**A63B 2049/0211** (2013.01 - EP US)

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