

Title (en)
RACKET FOR PLAYING A GAME WITH A BALL

Publication
EP 0317711 A3 19900516 (EN)

Application
EP 88112740 A 19880804

Priority
US 7999187 A 19870804

Abstract (en)
[origin: EP0317711A2] 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)
A63B 49/00 (2013.01 - KR); **A63B 49/02** (2013.01 - EP US); **A63B 49/10** (2013.01 - US); **A63B 60/002** (2020.08 - EP); **A63B 49/022** (2015.10 - EP); **A63B 49/03** (2015.10 - EP); **A63B 60/002** (2020.08 - US); **A63B 60/48** (2015.10 - EP); **A63B 2049/0203** (2015.10 - EP US); **A63B 2049/0204** (2015.10 - EP US); **A63B 2049/0207** (2015.10 - EP US); **A63B 2049/0211** (2013.01 - EP US)

Citation (search report)
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• [A] EP 0176021 A2 19860402 - KUEBLER SIEGFRIED
• [A] US 4291574 A 19810929 - FROLOW JACK L

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EP 0317711 A2 19890531; **EP 0317711 A3 19900516**; **EP 0317711 B1 19921209**; AR 245599 A1 19940228; AT E83163 T1 19921215; AU 608254 B2 19910328; AU 8012587 A 19890209; BR 8704476 A 19880217; CA 1318696 C 19930601; CN 87213828 U 19880824; DE 3826545 A1 19890330; DE 3876605 D1 19930121; DE 3876605 T2 19930519; DK 169163 B1 19940905; DK 510887 A 19890205; DK 510887 D0 19870928; ES 2008281 A6 19890716; ES 2037158 T3 19930616; FI 874269 A0 19870929; FI 874269 A 19890205; FI 89334 B 19930615; FI 89334 C 19930927; GB 2208356 A 19890330; GB 2208356 B 19910807; GB 8720149 D0 19870930; GR 3007278 T3 19930730; IN 170468 B 19920328; JP 2507397 Y2 19960814; JP H0591726 U 19931214; JP S6437967 A 19890208; KR 890003419 A 19890414; KR 910009207 B1 19911105; MX 169436 B 19930705; NO 173686 B 19931011; NO 173686 C 19940119; NO 874084 D0 19870929; NO 874084 L 19890206; NZ 222358 A 19890927; ZA 878042 B 19880727

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