

Title (en)  
Tennis racket.

Title (de)  
Tennisschläger.

Title (fr)  
Raquette de tennis.

Publication  
**EP 0275805 A1 19880727 (FR)**

Application  
**EP 87420349 A 19871221**

Priority  
FR 8618458 A 19861222

Abstract (en)  
[origin: US4875679A] A tennis racket provided with a vibration damping device. The racket includes at least one pair of viscoelastic dampers, symmetric relative to a longitudinal axis of the racket and working in opposition. Each damper of the pair consists of a plate of viscoelastic material, whose one face is glued against the racket at a selected spot of the racket, and which includes on its other face a stress plate of rigid material. The selected spot corresponds to the antinode of a specific mode of vibration of the racket.

Abstract (fr)  
Raquette de tennis pourvue d'un dispositif d'amortissement des vibrations. Il est rapporté sur celle-ci au moins une paire (81,82) d'amortisseurs visco-élastiques, symétriques par rapport à l'axe longitudinal (12) de la raquette et travaillant en opposition, chaque amortisseur de la paire étant constitué par une plaque (10) en matériau visco-élastique, dont une face est collée contre la raquette (1), à un endroit choisi de celle-ci, et qui comporte sur son autre face une plaque de contrainte (11) en matériau rigide.

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

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

CPC (source: EP US)  
**A63B 60/54** (2015.10 - EP US)

Citation (search report)

- [A] FR 2336299 A1 19770722 - MESSERSCHMITT BOELKOW BLOHM [DE]
- [A] US 4538812 A 19850903 - MUGFORD DAVID B [US], et al
- [A] DE 3342012 A1 19850530 - SEILER GMBH ING BUERO [DE]
- [A] BE 656807 A 19650401
- [A] US 3169881 A 19650216 - BODINE JR ALBERT G
- [A] US 4005864 A 19770201 - STEWART SAMUEL F

Cited by  
GB2225539A; US5599018A; FR2689771A1; US4964635A; EP0586832A1; AT406734B; EP0512163A1; US6162138A; FR2695835A1; GB2225537A; FR2684009A1; ES2054560A1; WO9320904A1; EP0441971B2

Designated contracting state (EPC)  
AT BE CH DE ES IT LI

DOCDB simple family (publication)  
**FR 2608444 A1 19880624; FR 2608444 B1 19890331**; AT E66627 T1 19910915; DE 275805 T1 19890105; DE 3772549 D1 19911002; EP 0275805 A1 19880727; EP 0275805 B1 19910828; ES 2003855 A4 19881201; JP S63164968 A 19880708; US 4875679 A 19891024

DOCDB simple family (application)  
**FR 8618458 A 19861222**; AT 87420349 T 19871221; DE 3772549 T 19871221; DE 87420349 T 19871221; EP 87420349 A 19871221; ES 87420349 T 19871221; JP 32161487 A 19871221; US 13414887 A 19871217