

Title (en)  
Games racket frame.

Title (de)  
Schlägerrahmen für Ballspiele.

Title (fr)  
Cadre de raquette pour jeux.

Publication  
**EP 0455349 A1 19911106 (EN)**

Application  
**EP 91302882 A 19910402**

Priority  
GB 9009831 A 19900502

Abstract (en)  
A games racket frame is discontinuous being in two parts (11, 12). The parts (11, 12) are joined by means of a vibration-damping material (21) secured in position by plugs (23, 24). A reinforcing member (14) is also provided and this may comprise a collar (20) surrounding the discontinuity (13), together with a rod (25) contained within the vibration-damping material (21). Rackets according to the invention exhibit reduced transmission of shock and vibration to the player, thus minimising the risk of "tennis elbow" and similar injuries. <IMAGE>

IPC 1-7  
**A63B 49/00; A63B 49/02**

IPC 8 full level  
**A63B 49/02** (2006.01); **A63B 49/08** (2006.01); **A63B 49/14** (2006.01); **A63B 59/00** (2006.01)

CPC (source: EP US)  
**A63B 49/02** (2013.01 - EP US); **A63B 49/03** (2015.10 - US); **A63B 49/035** (2015.10 - EP US); **A63B 60/0081** (2020.08 - EP); **A63B 60/54** (2015.10 - EP US); **A63B 60/06** (2015.10 - EP); **A63B 60/08** (2015.10 - EP); **A63B 60/10** (2015.10 - EP)

Citation (search report)  
• [A] US 4609198 A 19860902 - TARR ROBERT G [ZW]  
• [A] WO 8604251 A1 19860731 - JEANROT PATRICK  
• [A] US 4367871 A 19830111 - SCHIEFER WILLIAM E [US]  
• [A] DE 3531861 A1 19860320 - DUNLOP LTD [GB]  
• [A] US 4600194 A 19860715 - DONNELLY NORBERT B [US]  
• [A] US 4875679 A 19891024 - MOVILLIAT PIERRE A [FR], et al  
• [A] EP 0221688 A2 19870513 - FIN SPORTS LTD [GB]  
• [A] US 4340226 A 19820720 - HAINES ROBERT C

Cited by  
ES2585041A1; EP0550121A1; EP0546224A1; GB2436296A; EP0803271A3

Designated contracting state (EPC)  
AT BE DE ES FR IT NL

DOCDB simple family (publication)  
**EP 0455349 A1 19911106; EP 0455349 B1 19940622**; AT E107522 T1 19940715; AU 645550 B2 19940120; AU 7436391 A 19911107; CN 1041802 C 19990127; CN 1056060 A 19911113; DE 69102582 D1 19940728; DE 69102582 T2 19941020; ES 2055533 T3 19940816; GB 2243790 A 19911113; GB 2243790 B 19931124; GB 9009831 D0 19900627; GB 9106906 D0 19910522; JP 3021754 B2 20000315; JP H04227284 A 19920817; MY 106502 A 19950630; ZA 913268 B 19921230

DOCDB simple family (application)  
**EP 91302882 A 19910402**; AT 91302882 T 19910402; AU 7436391 A 19910412; CN 91102767 A 19910430; DE 69102582 T 19910402; ES 91302882 T 19910402; GB 9009831 A 19900502; GB 9106906 A 19910402; JP 10017191 A 19910501; MY PI19910656 A 19910422; ZA 913268 A 19910430