

Title (en)  
BALL-STRIKING RACKET

Publication  
**EP 0149106 B1 19880210 (DE)**

Application  
**EP 84114806 A 19841205**

Priority  
DE 3344329 A 19831208

Abstract (en)  
[origin: US4693475A] A racket for ball games and more specifically, a tennis racket, has a frame forming a racket head, a shank and a grip secured to the shank with a force fit so that the grip may be turned in relation to the racket head into different settings. The force fit connecting elements are simple to manufacture, yet permit an exact stepless setting and a satisfactory transmission of the forces produced while still avoiding a slip clutch effect. The grip and the racket shank are joined with each other by a surface area of substantial size which assures the required frictional engagement for the force fit in the angular direction while providing a form locking connection in the axial direction. The shank is part of an integral, one-piece handle bar which also has a cylindrical section and a conical section integrally interconnecting the shank to the cylindrical section.

IPC 1-7  
**A63B 49/08**

IPC 8 full level  
**A63B 49/08** (2006.01)

CPC (source: EP KR US)  
**A63B 49/08** (2013.01 - EP KR US); **A63B 60/16** (2015.10 - EP US); **A63B 60/32** (2015.10 - EP US)

Cited by  
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AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0149106 A1 19850724; EP 0149106 B1 19880210**; AT E32434 T1 19880215; AU 3622084 A 19850613; AU 581195 B2 19890216; BR 8406280 A 19851001; CA 1247668 A 19881228; DE 3344329 A1 19850613; DE 3469274 D1 19880317; IN 161647 B 19880109; JP S60139265 A 19850724; KR 850004400 A 19850715; US 4693475 A 19870915; ZA 849292 B 19850731

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