

Title (en)  
Vibration damping device of a racket

Title (de)  
Einrichtung zum Dämpfen von Vibrationen eines Ballschlägers

Title (fr)  
Dispositif amortisseur de vibration d'une raquette

Publication  
**EP 0898986 B1 20021218 (DE)**

Application  
**EP 98890242 A 19980819**

Priority  
AT 145097 A 19970828

Abstract (en)  
[origin: EP0898986A2] A damping weight is fitted on or in the end (5) of the handle (3) of a tennis, squash or racquet ball racquet (1) so that it can move elastically from the handle axis (4). The damping weight comprises 0.6 to 3.5% of the weight of the strung racquet and is fixed in place for at least uniaxial deflection at a resonant frequency of 100 - 300 Hz. Preferably the weight is located in an elastic support.

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

IPC 8 full level  
**A63B 49/038** (2015.01); **A63B 60/54** (2015.01); **A63B 49/02** (2015.01); **A63B 49/08** (2015.01); **A63B 49/10** (2015.01); **A63B 60/00** (2015.01)

CPC (source: EP US)  
**A63B 49/038** (2015.10 - EP); **A63B 49/08** (2013.01 - EP); **A63B 60/002** (2020.08 - EP); **A63B 60/54** (2015.10 - EP US);  
**A63B 49/03** (2015.10 - EP); **A63B 49/10** (2013.01 - EP); **A63B 60/16** (2015.10 - EP); **A63B 2049/0202** (2015.10 - EP);  
**A63B 2049/0203** (2015.10 - EP); **A63B 2049/0204** (2015.10 - EP); **A63B 2049/0207** (2015.10 - EP); **A63B 2049/0212** (2015.10 - EP);  
**A63B 2209/023** (2013.01 - EP)

Cited by  
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Designated contracting state (EPC)  
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**EP 0898986 A2 19990303**; **EP 0898986 A3 19990331**; **EP 0898986 B1 20021218**; AT 408724 B 20020225; AT A145097 A 20010715;  
AT E229830 T1 20030115; CA 2246104 A1 19990228; CA 2246104 C 20051011; DE 59806693 D1 20030130

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