

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

DE102006004849B4; US7967706B2

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

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

DOCDB simple family (application)

EP 98890242 A 19980819; AT 145097 A 19970828; AT 98890242 T 19980819; CA 2246104 A 19980827; DE 59806693 T 19980819