

Title (en)

Device for damping the vibrations of racket strings.

Title (de)

Vorrichtung zum Dämpfen der Schwingungen einer Schlägerbespannung.

Title (fr)

Dispositif amortisseur de vibrations de cordage d'une raquette.

Publication

EP 0241393 A1 19871014 (FR)

Application

EP 87420093 A 19870407

Priority

FR 8605479 A 19860408

Abstract (en)

[origin: EP0241393B1] 1. Racket equipped with a device for absorbing the vibrations of its strings, in which each string passes through holes (8) drilled in the structure of the frame, the device consisting of at least one flexible ring-shaped elastomer membrane (10), pierced by an opening (14) and attached in at least one drilled hole of at least the part forming the bridge (4) of the frame, characterized in that each drilled hole is delimited by a surface of revolution created by a straight line, and that the opening of the membrane (10) has a diameter which is less than that of the string which passes through it.

Abstract (fr)

Dispositif amortisseur de vibrations de cordage d'une raquette (telle qu'une raquette de tennis). Il est constitué par plusieurs membranes annulaires souples (10), percées chacune d'un orifice (14) de diamètre inférieur à celui de la corde, et fixées chacune respectivement dans un des perçages annulaires d'au moins la partie inférieure du cadre, perçages destinés chacun à livrer passage à une corde (6).

IPC 1-7

A63B 49/00; **A63B 49/14**; **A63B 51/00**

IPC 8 full level

A63B 49/00 (2006.01); **A63B 59/00** (2006.01)

CPC (source: EP US)

A63B 60/54 (2015.10 - EP US); **A63B 49/022** (2015.10 - EP US); **A63B 49/028** (2015.10 - EP US)

Citation (search report)

- [X] FR 2495477 A1 19820611 - IREB [FR]
- [X] US 3567225 A 19710302 - HOLLIS JAMES E
- [Y] DE 2065888 A1 19761028 - MAARK CORP
- [A] FR 2371941 A1 19780623 - DORESTYL [FR]

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EP0553769A1; EP0601701A3; US5833560A; US5290031A; US6527656B1; WO9828049A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0241393 A1 19871014; **EP 0241393 B1 19900816**; DE 241393 T1 19900613; DE 3764293 D1 19900920; ES 2016645 B3 19901116; FR 2596661 A1 19871009; FR 2596661 B1 19890825; JP S62295675 A 19871223; US 4909511 A 19900320; US 4993711 A 19910219

DOCDB simple family (application)

EP 87420093 A 19870407; DE 3764293 T 19870407; DE 87420093 T 19870407; ES 87420093 T 19870407; FR 8605479 A 19860408; JP 8489987 A 19870408; US 3488687 A 19870406; US 47093690 A 19900126