

Title (en)

Golf club with device for damping vibrations.

Title (de)

Golfschläger mit einer Vorrichtung zur Schwingungsdämpfung.

Title (fr)

Club de golf présentant un dispositif amortisseur de vibrations.

Publication

**EP 0531233 A1 19930310 (FR)**

Application

**EP 92420284 A 19920825**

Priority

FR 9110849 A 19910828

Abstract (en)

Device for damping vibrations, for an implement comprising a gripping handle (1) and a striking head (3, 4), in which the handle has a rigid tubular sleeve (11), coaxial with the handle (1), characterised in that this sleeve (11) is connected to the handle (1) by a viscoelastic material (12) of nought point two to three millimetres (0.2 to 3 mm) thickness which is held by the sleeve (11) on the handle (1). <??>Application: golf clubs. <IMAGE>

Abstract (fr)

Dispositif amortisseur de vibrations, pour instrument comprenant un manche de préhension (1) et une tête de frappe (3,4), dans lequel le manche présente un manchon tubulaire (11) rigide, coaxial au manche (1), caractérisé en ce que ce manchon (11) est relié au manche (1) par un matériau visco-élastique (12) de zérodeux à trois millimètres (0,2 à 3 mm) d'épaisseur qui est contraint par le manchon (11) sur le manche (1). Application : clubs de golf <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

**A63B 60/00** (2015.10 - US); **A63B 60/54** (2015.10 - EP US); **A63B 49/08** (2013.01 - EP); **A63B 53/12** (2013.01 - EP); **A63B 60/16** (2015.10 - EP US)

Citation (search report)

- [X] US 4660832 A 19870428 - SHOMO ROBERT D [US]
- [A] US 4736949 A 19880412 - MUROI KUNIMASA [JP]
- [A] BE 901416 A 19850416 - SNAUWAERT & DEPLA NV
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 466 (C-646)(3814) 20 October 1989 & JP-A-11 81 881 ( YAMAHA )

Cited by

FR2737127A1; FR2730416A1; US5599242A; WO2012007747A2; EP1292488B1

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