

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

A63B 49/00; **A63B 49/08**

IPC 8 full level

A63B 53/12 (2006.01); **A63B 59/00** (2006.01); **F16F 15/02** (2006.01); **A63B 49/08** (2006.01)

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

Designated contracting state (EPC)

DE GB SE

DOCDB simple family (publication)

EP 0531233 A1 19930310; **EP 0531233 B1 19941228**; AU 2096492 A 19930304; AU 654028 B2 19941020; CA 2075418 A1 19930301; DE 69201037 D1 19950209; DE 69201037 T2 19950511; FR 2680694 A1 19930305; FR 2680694 B1 19940819; JP 2642903 B2 19970820; JP H0535162 U 19930514; JP H08103518 A 19960423; US 5277423 A 19940111

DOCDB simple family (application)

EP 92420284 A 19920825; AU 2096492 A 19920810; CA 2075418 A 19920806; DE 69201037 T 19920825; FR 9110849 A 19910828; JP 13047695 A 19950529; JP 6074892 U 19920828; US 91300392 A 19920714