

Title (en)

Use of an highly attenuating material for a sound emitting machine-part

Title (de)

Verwendung eines Werkstoffes mit hoher Materialdämpfung für ein Bauteil einer schallmittlernden Maschine

Title (fr)

Utilisation d'un matériel à haute atténuation pour un élément d'un dispositif émettant du son

Publication

EP 0992974 A3 20040102 (DE)

Application

EP 99118367 A 19990916

Priority

- DE 19846117 A 19981007
- DE 19846118 A 19981007

Abstract (en)

[origin: EP0992974A2] A material made of a metallic base material and a metallic second phase with a partially martensitic structure is used for a component of a sound-producing and/or emitting machine. The material consists of 48-52 at.% Ni or Ti, preferably 49.9 at.% Ni and 50.1 at.% Ti. The base material is a light metal and/or light metal alloy.

IPC 1-7

G10K 11/162

IPC 8 full level

C22C 14/00 (2006.01); **C22C 19/03** (2006.01); **C22C 21/00** (2006.01); **C22C 23/00** (2006.01); **C22C 49/04** (2006.01); **C22C 49/10** (2006.01); **C22C 49/14** (2006.01); **G10K 11/162** (2006.01)

CPC (source: EP US)

C22C 49/04 (2013.01 - EP US); **G10K 11/162** (2013.01 - EP US)

Citation (search report)

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- [Y] US 4144057 A 19790313 - MELTON KEITH, et al
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- [A] US 3558369 A 19710126 - WANG FREDERICK E, et al

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CN102051554A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0992974 A2 20000412; **EP 0992974 A3 20040102**; JP 2000129385 A 20000509; US 6340068 B1 20020122

DOCDB simple family (application)

EP 99118367 A 19990916; JP 31573699 A 19991001; US 41385399 A 19991007