Title (en)

Variable volume resonating element

Title (de)

Volumenänderndes Resonatorelement

Title (fr)

Elément résonant à volume variable

Publication

**EP 0817163 A3 20000223 (DE)**

Application

**EP 97109822 A 19970617**

Priority

DE 19626167 A 19960629

Abstract (en)

[origin: DE19626167C1] The resonator component has distance pieces. The resonator walls (11) are connected to the distance piece (12) by the adhesive layer (14). The work point of the resonator component (10) depends on the free diameter of the resonator walls and the type of fixtures of the collaboratively vibrating surface. The adhesive surface is distributed over the entire inner surface of the resonator walls. Such a layer acts as an anti-resounding coating and enables the vibrations of the resonator walls to be dampened. The resonator walls on their edge areas are provided with at least one counter plate (15) as damping compound system.

IPC 1-7

**G10K 11/172**

IPC 8 full level

**E04F 17/08** (2006.01); **F24F 13/02** (2006.01); **G10K 11/16** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP KR)

**G10K 11/172** (2013.01 - EP); **G10K 15/08** (2013.01 - KR)

Citation (search report)

- [A] US 4325461 A 19820420 - BSCHORR OSKAR
- [DA] DE 3347827 A1 19850307 - METZELER KAUTSCHUK [DE]
- [A] US 5241512 A 19930831 - ARGY GILLES [FR], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**DE 19626167 C1 19970904**; EP 0817163 A2 19980107; EP 0817163 A3 20000223; JP H1074090 A 19980317; KR 980004329 A 19980330

DOCDB simple family (application)

**DE 19626167 A 19960629**; EP 97109822 A 19970617; JP 17452397 A 19970630; KR 19970026215 A 19970620