

Title (en)

Sound damping device for reducing fluid and body noise

Title (de)

Geräuschdämpfungseinrichtung für Strömungs- und Körperschall

Title (fr)

Dispositif d'amortissement acoustique pour amortir le bruit d'un fluide et d'un corps

Publication

**EP 0862012 A3 19990203 (DE)**

Application

**EP 98102607 A 19980216**

Priority

- DE 19706155 A 19970217
- DE 29718655 U 19971022

Abstract (en)

[origin: EP0862012A2] The system comprises a wave pipe (10), a port section (20) made from a soft elastic material and a connecting socket section (30), with the inner contour (11) of the wave pipe corresponding to the outer contour (32). The outer diameter of the connecting socket section in the region of its elevations (33) may be larger than the inner diameter of the pressed wave pipe in the region of its recesses (14). Through the variation of the numerous grooves (34) in the outer contour of the connecting socket section and the number of pressed waves of the wave pipe, via the means (50) of a device to produce a noise dampening system, the rigidity of the wave pipe-connecting socket section connection may be adjustable.

IPC 1-7

**F16L 55/033**; **F16L 55/027**

IPC 8 full level

**F01N 1/22** (2006.01); **G10K 11/16** (2006.01)

CPC (source: EP)

**F01N 1/22** (2013.01); **G10K 11/16** (2013.01)

Citation (search report)

- [DX] DE 8432280 U1 19850328
- [X] US 3061039 A 19621030 - PETERS MELVILLE F
- [A] DE 2518619 A1 19761104 - JOSAM MFG CO
- [A] DE 2117105 A1 19721019 - AEROQUIP GMBH
- [A] DE 1962134 A1 19710616 - RHEINISCHES METALLWERK GMBH
- [A] DE 3707617 A1 19880922 - AUDI AG [DE]

Cited by

DE102008064537A1; CN113714599A; EP2161487A3; DE102008046185B4

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)

**EP 0862012 A2 19980902**; **EP 0862012 A3 19990203**; **EP 0862012 B1 20020918**; AT E224517 T1 20021015; DK 0862012 T3 20030127

DOCDB simple family (application)

**EP 98102607 A 19980216**; AT 98102607 T 19980216; DK 98102607 T 19980216