

Title (en)

Fuel injector with a damping element and method for manufacturing a fuel injector

Title (de)

Kraftstoffeinspritzventil mit einem Dämpfungselement und Verfahren zur Herstellung eines Kraftstoffeinspritzventil

Title (fr)

Injecteur de carburant avec un amortisseur et méthode de fabrication d'un injecteur

Publication

EP 1460262 A1 20040922 (EN)

Application

EP 03006018 A 20030318

Priority

EP 03006018 A 20030318

Abstract (en)

The proposed fuel injector comprises a fuel passage way in which a harmonic damper 25 is arranged. The harmonic damper dampens the noise and vibration of the fuel injector. The harmonic damper is fixed to the inlet tube of the fuel injector. The harmonic damper has a cylindrical shape with a central bore. An outer face of the harmonic damper is adjacent to an inner face of the inlet tube. The harmonic damper may be made of plastics or metal. <IMAGE>

IPC 1-7

F02M 51/06; **F02M 61/16**; **F02M 55/04**

IPC 8 full level

F02M 51/06 (2006.01); **F02M 55/04** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 51/0671 (2013.01); **F02M 55/04** (2013.01); **F02M 61/165** (2013.01); **F02M 2200/31** (2013.01)

Citation (applicant)

- US 5967419 A 19991019 - YAMAGUCHI TAKAO [JP], et al
- US 6382532 B1 20020507 - FRENCH RICHARD MARK [US], et al

Citation (search report)

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Designated contracting state (EPC)

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