

Title (en)

Noise-reducing arrangement of washers under an injection nozzle

Title (de)

Geraeuschreduzierende Anordnung von Unterlegscheiben unter einer Einspritzduese

Title (fr)

Agencement insonorisant de rondelles sous une tuyère d'injection

Publication

**EP 1223337 B1 20060614 (DE)**

Application

**EP 01100697 A 20010112**

Priority

EP 01100697 A 20010112

Abstract (en)

[origin: EP1223337A1] The fuel injection unit for a cylinder of an internal combustion engine comprises damping element (5) which is located between the contact surfaces of the fuel injector (1) and the cylinder head.

IPC 8 full level

**F02F 1/24** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)

**F02M 61/14** (2013.01 - EP US); **F02M 61/16** (2013.01 - EP US)

Cited by

WO2013091998A1; DE102009057406A1; DE102006009094A1; FR2903457A1; DE102017218007A1; US7600502B2; DE102021214900A1; WO2010060709A1; WO2008080687A1; WO2008003879A1; DE102011089295A1; US9347411B2; DE102008002654A1; US8757128B2; DE102011089274A1; US9938947B2; DE102017220248A1; DE102020214113A1; DE102014225976A1; WO2016096204A1; US10197033B2; DE102012206194A1; WO2013156258A1; DE102015217500A1; US9885331B2; DE102016225956A1; US10648438B2; DE102008054591A1; DE102017218008A1; DE102017218002A1; US11047354B2; DE102021214902A1; DE102014217555A1; DE102014225988A1; WO2016096200A1; US10641224B2

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