

Title (en)
INJECTOR WITH A MULTILAYER PIEZOELECTRIC ACTUATOR

Title (de)
INJEKTOR MIT EINEM PIEZO-MEHLAGENAKTOR

Title (fr)
INJECTEUR AVEC PIEZO-ACTIONNEUR MULTICOUCHE

Publication
EP 1071878 A1 20010131 (DE)

Application
EP 00907429 A 20000114

Priority
• DE 0000122 W 20000114
• DE 19906467 A 19990216

Abstract (en)
[origin: DE19906467A1] The actuator assembly of Belleville washers (14), which prestress the actuator, and the actuator (10) are housed in a common jacket (11) which transmits the force exerted by the washers to the valve side of the actuator. The washer section of the jacket has a diameter matching the washer diameter whilst the actuator section matches the smaller diameter of the actuator.

IPC 1-7
F02M 51/06

IPC 8 full level
F02M 47/02 (2006.01); **F02M 51/06** (2006.01); **F02M 63/00** (2006.01); **H01L 41/083** (2006.01); **H01L 41/09** (2006.01)

CPC (source: EP KR US)
F02M 51/0603 (2013.01 - EP KR US); **F02M 2200/21** (2013.01 - KR)

Citation (search report)
See references of WO 0049286A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 19906467 A1 20000824; DE 50005857 D1 20040506; EP 1071878 A1 20010131; EP 1071878 B1 20040331; JP 2002537515 A 20021105; KR 20010042665 A 20010525; US 6371085 B1 20020416; WO 0049286 A1 20000824

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