

Title (en)  
INJECTOR WITH A MULTILAYER PIEZOELECTRIC ACTUATOR

Title (de)  
INJEKTOR MIT EINEM PIEZO-MEHRLAGENAKTOR

Title (fr)  
INJECTEUR AVEC PIEZO-ACTIONNEUR MULTICOUCHE

Publication  
**EP 1071878 B1 20040331 (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)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
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