

Title (en)
Injector, compensation assembly for the injector, and relieving device for the compensation assembly and method of assembling and calibrating the injector

Title (de)
Einspritzventil, Ausgleichelement für das Einspritzventil, Entlastungsvorrichtung für das Ausgleichelement und Erstellungs- und Kalibrierungsverfahren

Title (fr)
Injecteur, compensateur pour l'injecteur, dispositif de décharge pour le compensateur ainsi que méthodes d'assemblage et de calibration associées

Publication
EP 1811167 A1 20070725 (EN)

Application
EP 06001470 A 20060124

Priority
EP 06001470 A 20060124

Abstract (en)
A Relieving device for a compensation device (31) of an injector comprises a relieving body (32), a relieving spring (48), and a relieving spring washer (50). The relieving body (32) comprises a ground plate (36), a first relieving spring rest, and an at least one transferring element (34) which extends rectangular from the ground plate (36) to the first relieving spring rest. The relieving spring (48) is axially coupled to the first relieving spring rest at a first axial end of the relieving spring (48). The relieving spring (48) is axially coupled to the relieving spring washer (50) at a second axial end of the relieving spring (48).

IPC 8 full level
F02M 61/16 (2006.01)

CPC (source: EP)
F02M 61/167 (2013.01); **F02M 61/168** (2013.01); **F02M 51/0603** (2013.01)

Citation (applicant)
DE 10344061 A1 20050428 - SIEMENS AG [DE]

Citation (search report)

- [X] US 2005120714 A1 20050609 - SCHURZ WILLIBALD [DE], et al
- [DX] WO 2005031152 A1 20050407 - SIEMENS AG [DE], et al
- [X] EP 1524427 A1 20050420 - SIEMENS AG [DE], et al
- [X] US 2003127617 A1 20030710 - KEGEL TIMO [DE]
- [A] EP 1452727 A1 20040901 - BOSCH GMBH ROBERT [DE]

Cited by
DE102015219912B3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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