

Title (en)

DEVICE FOR OPERATING A GAS SHUTTLE VALVE BY MEANS OF AN ELECTROMAGNETIC ACTUATOR

Title (de)

VORRICHTUNG ZUR BETÄTIGUNG EINES GASWECHSELVENTILS MIT EINEM ELEKTROMAGNETISCHEN AKTUATOR

Title (fr)

DISPOSITIF POUR ACTIONNER UNE SOUPAPE D'ECHANGE DE GAZ A L'AIDE D'UN ACTUATEUR ELECTROMAGNETIQUE

Publication

EP 0995015 B1 20020918 (DE)

Application

EP 98939598 A 19980701

Priority

- DE 19728479 A 19970705
- EP 9804067 W 19980701

Abstract (en)

[origin: DE19728479A1] The invention relates to a device for operating a gas shuttle valve by means of an electromagnetic actuator which is securely mounted in a component and which has an opening and a closing magnet, between which an axially displaceable armature is arranged. By means of a tappet, said armature acts upon a valve shaft in conjunction with a spring system and a clearance compensation member. According to the invention, the clearance compensation element is arranged between the tappet of the armature and the valve shaft.

IPC 1-7

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IPC 8 full level

F01L 1/24 (2006.01); **F01L 9/20** (2021.01)

CPC (source: EP US)

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Cited by

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DE FR GB IT

DOCDB simple family (publication)

DE 19728479 A1 19990107; **DE 19728479 C2 20010830**; BR 9810671 A 20000926; CN 1109181 C 20030521; CN 1261943 A 20000802; DE 59805629 D1 20021024; EP 0995015 A1 20000426; EP 0995015 B1 20020918; JP 2000513423 A 20001010; JP 3513519 B2 20040331; KR 100396383 B1 20030902; KR 20010015550 A 20010226; US 6502804 B1 20030107; WO 9902823 A1 19990121

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