

Title (en)

Actuating unit for an adjusting device, preferably for a valve lift adjusting device of internal combustion engines

Title (de)

Betätigungseinheit für eine Verstelleinrichtung, vorzugsweise für eine Ventilhubverstelleinrichtung von Kraftfahrzeugen

Title (fr)

Unité d'actionnement pour un dispositif de réglage, de préférence pour un dispositif de variation de la levée des soupapes d'un moteur à combustion interne

Publication

**EP 0761936 B1 20010110 (DE)**

Application

**EP 96112593 A 19960803**

Priority

DE 19531444 A 19950826

Abstract (en)

[origin: EP0761936A2] An actuator for a valve stroke adjusting device in a vehicle has a pressure relieving tank connection (12), and a pressurised tank connection (13) which is fitted with a pressure limiting valve (15). The pressure relieving tank connection is connected to the operating joint (11), as the valve piston (8) slides until just before the end position, and in the end position the operating connection is connected to the pressurised tank connection. The valve piston has a circular plug, which separates the pressure relieving connection from the operating connection.

IPC 1-7

**F01L 13/00**

IPC 8 full level

**F01B 25/02** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)

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**DE 19531444 A 19950826**; DE 59606295 T 19960803; EP 96112593 A 19960803; ES 96112593 T 19960803; JP 22134396 A 19960822; US 70231296 A 19960823