

Title (en)  
VALVE GEAR MECHANISM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
VENTILTRIEB EINER BRENNKRAFTMASCHINE

Title (fr)  
MECANISME DE DISTRIBUTION POUR MOTEUR A COMBUSTION INTERNE

Publication  
**EP 0797726 A1 19971001 (DE)**

Application  
**EP 95940953 A 19951212**

Priority  
• DE 9501783 W 19951212  
• DE 4444289 A 19941213  
• DE 19529346 A 19950809

Abstract (en)  
[origin: WO9618807A1] A valve gear mechanism for an internal combustion engine is provided with: a variable valve control mechanism with a shaft (1) which has a rotating axle (D) and serves to transmit the necessary rotary motion to the valve gear mechanism; a rotating body (10) mounted in such a way that it can turn about the shaft (1); and an intermediate element (20) which surrounds the shaft (1) and adjoins the rotating body (10) axially and can turn about the shaft, and has a drive connection to the shaft (1) via a first sliding guide (15) and a first transmission element (40, 50) and to the rotating body (10) via a second sliding guide (10) and a second transmission element (70), the first transmission element (40, 50) comprising a radial pin (40) which is introduced into the shaft (1) substantially vertically in relation to the rotating axle (D). The radial pin (40) is preferably held so as to be displaceable in a recess (51) of a sliding block (50) which is mounted in a bearing seat (22) in the intermediate member (20) in such a way as to pivot.

IPC 1-7  
**F01L 1/356**; **F01L 1/344**

IPC 8 full level  
**F01L 1/344** (2006.01); **F01L 1/356** (2006.01)

CPC (source: EP US)  
**F01L 1/34413** (2013.01 - EP US); **F01L 1/356** (2013.01 - EP US); **Y10T 74/2102** (2015.01 - EP US)

Citation (search report)  
See references of WO 9618807A1

Designated contracting state (EPC)  
AT DE ES FR GB IT SE

DOCDB simple family (publication)  
**WO 9618807 A1 19960620**; AT E166698 T1 19980615; AU 4252496 A 19960703; DE 19581405 D2 19980205; DE 59502370 D1 19980702; EP 0797726 A1 19971001; EP 0797726 B1 19980527; ES 2119503 T3 19981001; US 5884592 A 19990323

DOCDB simple family (application)  
**DE 9501783 W 19951212**; AT 95940953 T 19951212; AU 4252496 A 19951212; DE 19581405 T 19951212; DE 59502370 T 19951212; EP 95940953 A 19951212; ES 95940953 T 19951212; US 84984697 A 19970613