

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  
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Application  
**EP 95940953 A 19951212**

Priority  

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Abstract (en)  
[origin: US5884592A] PCT No. PCT/DE95/01783 Sec. 371 Date Aug. 22, 1997 Sec. 102(e) Date Aug. 22, 1997 PCT Filed Dec. 12, 1995 PCT Pub. No. WO96/18807 PCT Pub. Date Jun. 20, 1996A valve gear mechanism for an internal combustion engine includes a variable valve control mechanism comprising a shaft (1) having an axis of rotation (D) and serving to transmit the rotary motion to the valve gear mechanism; a rotating body (10) being rotatably supported on said shaft (1); and an intermediate member (20) surrounding said shaft (1) and being disposed adjacent to said rotatable rotating body (10) in an axial direction and being rotatable with respect to said shaft (1) and having a drive connection to said shaft (1) via a first sliding guide (15) and a first transmission element (40, 50) and to said rotating body (10) via a second sliding guide (16) and a second transmission element (70), wherein said first transmission element (40, 50) comprises a radial pin (40) being inserted in said shaft (1) in a direction substantially vertical to said axis of rotation (D). The radial pin (40) is preferably held so as to be displaceable in a recess (51) of a sliding block (50) which is pivotably mounted in a bearing seat (22) in said intermediate member (20).

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