

Title (en)  
Internal combustion engine

Title (de)  
Brennkraftmaschine

Title (fr)  
Moteur à combustion interne

Publication  
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Application  
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Abstract (en)  
[origin: EP1059423A2] In a valve driving apparatus using a direct driving type valve lifter which is disposed between a cam formed at a cam shaft and a poppet valve (105) which is provided in a path formed at the cylinder head (111) of an internal combustion engine and moves to the axial direction of the valve to open and close the path, the valve driving apparatus includes a guide hole (123) formed at the cylinder head; and a direct driving type valve lifter having a tappet portion (103) which is brought in contact with the cam and pressed by the cam (102), and a guide portion (104) having one end portion coupled to the tappet portion (103) and housed within the guide hole (123) so as to slide freely therein to the axial direction of the poppet valve (105) in an interlocked manner as a pushing operation of the tappet portion by the cam, wherein the diameter of the guide portion (104) is formed to be smaller than the diameter of the tappet portion (103).

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IPC 8 full level  
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