

Title (en)  
Valve timing gear for an internal-combustion engine.

Title (de)  
Ventilsteuerung für eine Brennkraftmaschine.

Title (fr)  
Distribution à soupape pour moteur à combustion interne.

Publication  
**EP 0155261 A2 19850918 (DE)**

Application  
**EP 85890059 A 19850312**

Priority  
AT 84384 A 19840314

Abstract (en)  
[origin: US4635592A] In an internal combustion engine with a cylinder (1), the cylinder head (2) has four valves (3, 4) inclined towards each other and arranged to be radially aligned with respect to the combustion chamber, pairs of the valves being operable by a common camshaft (6) by means of conical cams (7). To make it possible to use such a valve control for high rotational speeds, too, bucket type tappets (8) are displaceably mounted between the radially aligned valves (3, 4) and the conical cams (7) in the cylinder head (2).

Abstract (de)  
Bei einer Brennkraftmaschine mit einem Zylinder (1) weist der Zylinderkopf (2) vier zueinander geneigt angeordnete, bezüglich des Verbrennungsraumes radial ausgerichtete Ventile (3, 4) auf, die paarweise von einer gemeinsamen Nockenwelle (6) mittels kegelförmiger Nocken (7) betätigbar sind. Um eine solche Ventilsteuerung auch für hohe Drehzahlen einsetzen zu können, sind zwischen den radial ausgerichteten Ventilen (3, 4) und den kegelförmigen Nocken (7) im Zylinderkopf (2) verschiebbar gelagerte Tassenstößel (8) vorgesehen.

IPC 1-7  
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IPC 8 full level  
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