

Title (en)  
IMPROVEMENTS IN ROTARY VALVES

Title (de)  
ROTIERENDES VENTIL

Title (fr)  
AMELIORATIONS RELATIVES A DES VALVES ROTATIVES

Publication  
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Application  
**EP 99949104 A 19990928**

Priority  
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Abstract (en)  
[origin: WO0019066A2] There is disclosed an improved rotary valve (5), and to an internal combustion engine including such a valve (5). In internal combustion engines use of poppet valves has predominated due to an inability of rotary valves to perform reliably without excessive oil consumption. However, the invention provides an improved valve (5) for use with an internal combustion engine (10) comprising at least one cylinder (15) having a reciprocable piston (50), the valve (5) comprising a valve seat (20) having at least one inlet (80) and/or at least one outlet (90), a rotatable valve member (60) mountable within the valve seat (20) at a compression end of one of the at least one cylinders (15) and having at least one orifice (70) extending therethrough between the valve seat (20) and an interior of the cylinder (15), wherein there is provided a seal member(s), (25a, 25b, 25c) between the valve member (60) and the at least one inlet (80) and/or the at least one outlet (90).

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