

Title (en)  
RECYCLING CIRCUIT FOR CRANKCASE GASES ON AN INTERNAL COMBUSTION ENGINE

Title (de)  
VORRICHTUNG ZUR ENTLÜFTUNG EINES KURBELGEHÄUSES EINER BRENNKRAFTMASCHINE

Title (fr)  
CIRCUIT DE REASPIRATION DES GAZ DE CARTER D'UN MOTEUR A COMBUSTION INTERNE

Publication  
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Application  
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Abstract (en)  
[origin: WO03004836A1] The invention relates to a recycling circuit for crankcase gases on an internal combustion engine, comprising an inlet collector with a throttling valve assembly and a rocker cover, in which a valve permits the at least partial control of the flow of crankcase gases for recycling. Said valve comprises a spring and a membrane which divides the valve into two distinct chambers, one communicating with the atmosphere and the other with the inlet collector, located downstream of the valve assembly, with a crankcase gas sampler, characterised in that the chamber in communication with the collector and with the crankcase gas sampler is integrated in the inlet collector and/or the rocker cover whereby said membrane guarantees the sealing of a part of the collector and/or the rocker cover from the atmosphere.

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