Title (en)

VALVE FOR SUCKING UP GASES FROM AN INTERNAL COMBUSTION ENGINE CRANKCASE

Title (de)

KURBELGEHÄUSE-ENTLÜFTUNGSVENTIL FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

VALVE DE REASPIRATION DES GAZ DU CARTER POUR MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 98936331 A 19980612

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Abstract (en)

[origin: US6158423A] PCT No. PCT/EP98/03548 Sec. 371 Date Jan. 28, 2000 Sec. 102(e) Date Jan. 28, 2000 PCT Filed Jun. 12, 1998 PCT Pub. No. WO99/06679 PCT Pub. Date Feb. 11, 1999The invention concerns a valve for sucking up gases from an internal combustion engine crankcase (10) comprising a body (14, 16), a gas intake duct (32) connected to the crankcase inner space (12), a gas evacuating duct (28) connected to an air sucking duct of the internal combustion engine and a membrane (18) dividing the valve body (14, 16) into an inner chamber (22) on the crankcase side and an outer chamber (24) and having a suction valve attachment (34). Said membrane (18), jointly with the suction valve attachment (34), opens or closes at will the gas evacuating duct (28) according to the pressure difference between the two chambers (22, 24). The valve body (14, 16) outer chamber (24) is connected to the gas intake duct (32) and a ventilating duct (26) is provided on the crankcase side, said duct connecting the inner chamber (22) valve body (14, 16), on the crankcase side, to ambient pressure.

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