

Title (en)

DEVICE FOR CRANKCASE VENTILATION OF AN INTERNAL COMBUSTION ENGINE

Title (de)

EINRICHTUNG FÜR DIE KURBELGEHÄUSE-ENTLÜFTUNG EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF POUR L'AERATION DU CARTER DE VILEBREQUIN D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

**EP 02785366 A 20021107**

Priority

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Abstract (en)

[origin: WO03042513A1] The invention relates to a device (1) for crankcase ventilation of an internal combustion engine (2), comprising a ventilation duct (10) extending from the crankcase (21) to an induction tract (22) of the internal combustion engine (2), whereby at least one oil vapor separator (11) causing a drop in pressure is arranged in said duct and a crankcase vacuum control valve (12) is arranged upstream or downstream therefrom and can be adjusted according to the pressure in the crankcase such that a lower pressure threshold valve in the crankcase (21) is respected. The novel device is characterized in that a discharge duct (15) extending from the crankcase (21) to the induction tract (22) of the internal combustion engine (2) is also provided, whereby a crankcase overpressure limiting valve (3) is disposed inside said duct and can be adjusted in a pressure-dependent manner to ensure that an upper pressure threshold in the crankcase (21) is not exceeded.

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