

Title (en)

Pressure control valve for the carter ventilation of an internal combustion engine.

Title (de)

Druckregelventil für die Kurbelgehäuseentlüftung an einer Brennkraftmaschine.

Title (fr)

Soupape de réglage de pression pour la ventilation de carter d'un moteur à combustion interne.

Publication

EP 0459031 B1 19940216 (DE)

Application

EP 90125471 A 19901224

Priority

DE 4017074 A 19900526

Abstract (en)

[origin: EP0459031A1] The invention proposes a pressure control valve (23) for crank case ventilation on an internal combustion engine, this pressure control valve (23) being combined with a filler opening (19, 20) for engine oil and an oil dipstick (21, 22). This combination is distinguished by the fact that it is particularly space-saving and that all components relating to the supply and monitoring of oil in an internal combustion engine are connected centrally. <??>This combination is furthermore distinguished by the fact that only a single connection is required on the engine block, through which the oil to be introduced or the oil returning from the pressure control valve is fed to the sump and which furthermore accommodates the dipstick. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

F01M 11/04 (2013.01 - EP US); **F01M 11/12** (2013.01 - EP US); **F01M 13/023** (2013.01 - EP US); **F01M 2011/0491** (2013.01 - EP US)

Cited by

DE20302911U1; CN105626330A; ITUB20159636A1; FR2699964A1; CN105604750A; AT520512A1; AT520512B1; WO9906679A1; EP3135873A1; WO9820236A1; US10323552B2; US10858971B2; US11499452B2; US11808182B2

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