

Title (en)

Pressure relief valve for combustion engine , in particular for motor vehicle

Title (de)

Druckentlastungsvorrichtung für Brennkraftmaschine, insbesondere für ein Kraftfahrzeug

Title (fr)

Dispositif de limiteur de dépression pour moteur à combustion interne, notamment d'un véhicule automobile

Publication

EP 1398468 B1 20070704 (FR)

Application

EP 03292247 A 20030912

Priority

FR 0211410 A 20020916

Abstract (en)

[origin: EP1398468A1] The suction pressure limiter is arranged on the cylinder head cover (1) and comprises a deformable membrane (4) moved under the action of the suction pressure existing in the engine sump in order to prevent the re-aspiration of the oil into the inlet in the event of a strong suction pressure. The cover has an opening enabling the introduction of oil into the sump which is intended to be blocked by a filler plug (3). The membrane is fixed on the removable oil filler plug and engages with a movable part (5) in the cylinder head cover and blocks a gas evacuation channel (7,8,9) made in the cover according to the displacements of the membrane.

IPC 8 full level

F01M 13/04 (2006.01)

CPC (source: EP)

F01M 13/0405 (2013.01); **F01M 13/0416** (2013.01)

Cited by

FR2892763A1; EP2236781A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1398468 A1 20040317; EP 1398468 B1 20070704; AT E366353 T1 20070715; DE 60314698 D1 20070816; DE 60314698 T2 20080605; FR 2844547 A1 20040319; FR 2844547 B1 20041022

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