

Title (en)

Pressure regulating valve for a crankcase ventilating system

Title (de)

Druckregelventil zur Kurbelgehäuseentlüftung einer Verbrennungskraftmaschine

Title (fr)

Soupape régulatrice de pression pour un système de dégazage d'un moteur à combustion interne

Publication

EP 1329598 B1 20061227 (DE)

Application

EP 02026221 A 20021126

Priority

DE 10201823 A 20020118

Abstract (en)

[origin: EP1329598A1] Pressure regulating/housing ventilating valve comprises a housing (18) into which a membrane (24) moving in the vertical direction can be admitted. The membrane is received on fixing sites (25) on the housing and is made from a thermoplastic material having a low wall thickness with a deformation region (38) extending in the radial direction. Preferred Features: The wall thickness of the membrane is 0.3-0.6 mm. The membrane is made from a thermoplastic material in the radial direction from the center (32) to the periphery in corrugated form.

IPC 8 full level

F01M 13/00 (2006.01); **F01M 13/02** (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP)

F01M 13/0011 (2013.01); **F01M 13/023** (2013.01); **F01M 2013/0016** (2013.01)

Cited by

KR101335763B1; DE102020110775A1; WO2021213778A1; EP3100780A1; DE102016005357A1; EP3842119A1; EP4241869A1

Designated contracting state (EPC)

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