

Title (en)

VALVE MODULE FOR SUPPLYING IN PARTICULAR GASEOUS MEDIA

Title (de)

VENTILMODUL ZUM ZUFÜHREN INSBESONDERE GASFÖRMIGE MEDIEN

Title (fr)

MODULE DE SOUPAPE DESTINE A AMENER DES FLUIDES EN PARTICULIER GAZEUX

Publication

**EP 1987274 A1 20081105 (DE)**

Application

**EP 07703608 A 20070103**

Priority

- EP 2007050038 W 20070103
- DE 102006006883 A 20060215

Abstract (en)

[origin: WO2007093454A1] Proposed is a valve module for supplying in particular gaseous media to an internal combustion engine, having a valve sleeve (7) in which a valve armature (9) having a valve closing member (11) is guided so as to be axially moveable relative to a valve seat body (15), which has a valve seat (13) and is fixedly arranged in the valve sleeve (7), in order to set a fluid flow between an inflow side and an outflow side (5). Here, according to the invention, a sealing device (21) which is composed of at least two annular sealing beads (22) is provided, which sealing device (21) is arranged with respect to at least one passage opening (17) such that the at least one passage opening (17) is situated between the sealing beads (22) in the closed position of the valve module (1).

IPC 8 full level

**F16K 1/44** (2006.01); **F02M 21/02** (2006.01); **F16K 31/06** (2006.01)

CPC (source: EP)

**F02M 21/0266** (2013.01); **F02M 21/0296** (2013.01); **F16K 1/44** (2013.01); **F16K 31/0651** (2013.01); **Y02T 10/30** (2013.01)

Citation (search report)

See references of WO 2007093454A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

**DE 102006006883 A1 20070823**; BR PI0706390 A2 20110322; CN 101384845 A 20090311; CN 101384845 B 20120718;  
EP 1987274 A1 20081105; RU 2008136755 A 20100320; RU 2447344 C2 20120410; WO 2007093454 A1 20070823

DOCDB simple family (application)

**DE 102006006883 A 20060215**; BR PI0706390 A 20070103; CN 200780005607 A 20070103; EP 07703608 A 20070103;  
EP 2007050038 W 20070103; RU 2008136755 A 20070103