

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 February 2007 (08.02.2007)

PCT

(10) International Publication Number
WO 2007/016206 A3

(51) International Patent Classification:
F02F 11/00 (2006.01)

(21) International Application Number:
PCT/US2006/029116

(22) International Filing Date: 27 July 2006 (27.07.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/193,810 29 July 2005 (29.07.2005) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

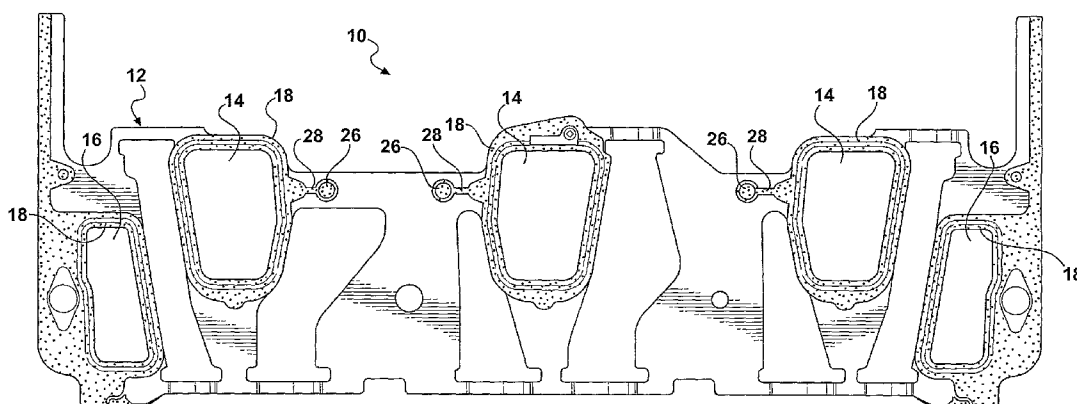
Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
10 May 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GASKET ASSEMBLY HAVING ISOLATED COMPRESSION LIMITING DEVICE



(57) Abstract: A manifold gasket includes a carrier frame with a plurality of media-conveying openings corresponding to openings communicating between two parts to be clamped, such as an intake manifold and a cylinder head. Elastomeric sealing material is molded to the carrier frame about the openings to seal the openings when clamped. A compression limiting device is disposed on the carrier frame and is isolated from direct contact with the carrier frame by intervening elastomeric bonding material to limit compression of said elastomeric sealing material when the gasket is clamped between the head and block. The elastomeric bonding material renders the compression limiting device free-floating relative to the carrier frame.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/29116

A. CLASSIFICATION OF SUBJECT MATTER

IPC: F02F 11/00(2006.01)

USPC: 277/593

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 277/593

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,267,740 (STRITZKE) 07 December 1993 (07.12.1993), see entire document.	1-4, 7-13
X	US 6,371,489 B1 (COMBET et al.) 16 April 2002 (16.04.2002), see entire document.	1-10, 12, 13
A	US 5,671,927 (SCHWEIGER) 30 September 1997 (30.09.1997).	
A	US 4,730,836 (MILLER et al.) 15 March 1988 (15.03.1988).	
A	US 4,867,461 (SHIMMELL) 19 September 1989 (19.09.1989).	

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Date of the actual completion of the international search

08 March 2007 (08.03.2007)

Date of mailing of the international search report

20 MAR 2007

Name and mailing address of the ISA/US

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Alexandria, Virginia 22313-1450

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