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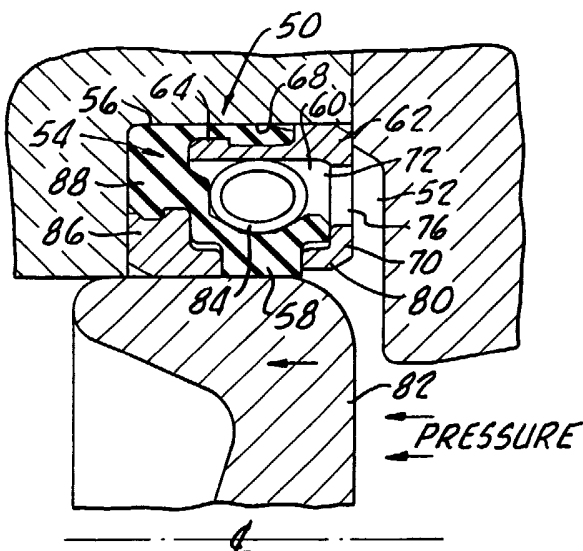
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ning of each regular issue of the PCT Gazette.

(54) Title: SELF CONTAINED ANTI-BLOWOUT SEAL FOR FLUIDS OR GASES



(57) Abstract: A self contained anti-blowout seal includes a seal jacket (54) having a static seal surface (56) and a dynamic seal lip (58) with a cavity (60) therebetween. A retaining ring (62) is provided and disposed, in part, within a cavity of the seal jacket and proximate the static seal surface for pressing the static seal surface against a mounting surface. The retaining ring includes a surface extending outside the cavity for bearing against a mounting surface and a depending portion (70) is provided which extends over the cavity opening and includes at least one port (76) communicating with the cavity for enabling a seal medium to enter and exit the cavity as the seal is pressure energized. A biasing element (84) is provided and disposed in the cavity for forcing the dynamic seal lip against member (82).

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F16J 15/16, 15/32

US CL : 277/549, 551, 552, 553, 555, 556, 557, 558, 564, 569, 572, 573, 576, 577

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

B. FIELDS SEARCHED

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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.
Y	US 6,161,838 A (Baksells) 19 December 2000 (19.12.2000), see entire document.	1-21
P		
Y	US 5,332,234 A (Forch et al) 26 June 1994 (26.06.1994), see entire document.	3 and 11-16
A	US 6050,572 A (Balsells et al) 18 April 2000 (18.04.2000), see entire document.	1-21
A, P	US 6,264,205 B1 (Balsells) 24 July 2001 (24.07.2001), see entire document.	1-21
Y	US 3,642,248 A (Benware) 15 February 1972 (15.02.1972), see entire document.	6 and 18
A	US 3,443,814 A (Dahlheimer) 13 May 1969 (13.05.1969), see entire document.	1-21
A	US 4,231,578 A (Traub) 4 November 1980 (04.11.1980), see entire document.	1-21
A	US 4,433,846 A (Romero et al) 28 February 1984 (28.02.1984), see entire document.	1-21



Further documents are listed in the continuation of Box C.



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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 3,610,575 A (Yoneda) 5 October 1971 (05.10.1971), see entire document.	1-21
A	US 3,497,178 (Priese) 24 February 1970 (24.02.1970), see entire document.	1-21
A	US 4,552,335 A (Alexander et al) 12 November 1985 (12.11.1985), see entire document.	1-21
A	US 4,335,887 A (Benassi) 22 June 1982 (22.06.1982), see entire document.	1-21