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- (54) Title:** TWO-CYCLE ENGINE WITH COMBINED VALVE WITH PISTON

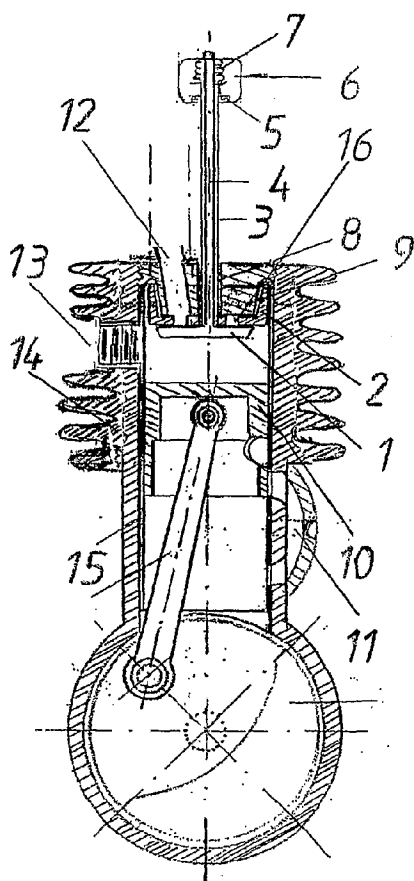


Figure 1

- (57) Abstract:** A modification of the two-cycle engine with the installation of combined valve with a piston (1 and 2) completely washes away the cylinder, helps the suction of the air-fuel mixture from the crankshaft housing, there is no releasing of unburned gases and a part of the air-fuel mixture and with the application of a programmed electronic injection of the lubrication oil, this engine is suitable for powering of trucks, locomotives and ships, where engine with low RPM is used.



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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F02B F01L

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 practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1 710 083 A (BARRELL CHARLES S) 23 April 1929 (1929-04-23) the whole document	1
X	GB 19321 A A.D. 1914 (LONGARD CLARENCE CHARLES [CA]) 1 September 1915 (1915-09-01) the whole document	1
X	GB 124 034 A (BATEMAN FRANK [GB]) 11 March 1919 (1919-03-11) the whole document	1
X	FR 328 977 A (SMITH, F.H.) 23 July 1903 (1903-07-23) the whole document	1
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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X	DE 25 54 115 A1 (ABOU KAMAL SAMY DIPL ING) 16 June 1977 (1977-06-16) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 1710083	A	23-04-1929	NONE
GB 191419321	A	01-09-1915	NONE
GB 124034	A	11-03-1919	NONE
FR 328977	A		NONE
DE 2554115	A1	16-06-1977	NONE