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PUV 2007-19188 6 September 2007 (06.09.2007) CZ(71) Applicant (for all designated States except US): **EASY TANK A.S.** [CZ/CZ]; Podkrkonosská 292, 190 12 Praha 9 - Dolní Pocernice (CZ).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LUPECKA, Bohuslav** [CZ/CZ]; Malá Morávka, Karlov pod Pradědem 259, 793 36 Malá Morávka (CZ). **MOTYCKA, Jirí** [CZ/CZ]; Na pastviku 1491/12, 747 05 Opava 5 (CZ).(74) Agent: **DANEK, Vilém**; Vinohradská 45, 120 00 Prague (CZ).

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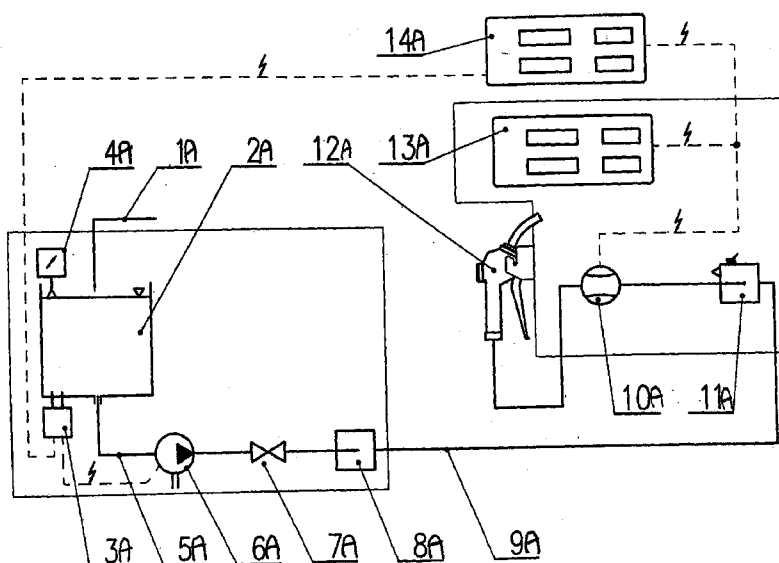
Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: FLUID FILLING SYSTEM FOR TECHNOLOGICAL NON-FUEL FLUIDS AND MIXTURES

Fig.: 3



(57) Abstract: The fluid filling system according to the present invention consists of a supporting structure containing at least one container, equipped with at least one socket (2) with at least one single branch pipeline (11) and terminated by a stop valve (4). The fluid filling system can be further equipped with at least one hollow drive-up element (5) from elastic material filled with fluid and equipped with at least one safety valve (7) leading into the pressure tank whose at least one inlet with back pressure valve preferably equipped with a reduction valve, leads into a container whose filling socket (2) is equipped with a lid or a back pressure valve.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

INV. B67D5/02

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)

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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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LELAND M. FREEMAN ET AL.: "Recommended Practices for Installation of Underground Liquid Storage Systems PEI/RP 100-97" 1997, PEI PETROLEUM EQUIPMENT INSTITUTE, TULSA, OKLAHOMA 74101-2380, USA, XP002537534 page 18; figure 26 page 20; figure 29	1,11
Y	EP 0 802 157 A (HOECHST JAPAN [JP]) 22 October 1997 (1997-10-22) figure 7	1,11
Y	US 2002/130142 A1 (WHEELER LOYDE A [US]) 19 September 2002 (2002-09-19) abstract	11
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Desittere, Michiel

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/71464 A (CLEAN SHIELD ENTPR INC [US]) 30 November 2000 (2000-11-30) page 7, line 10 - page 8, line 27 -----	1,4-6
X	US 2 331 435 A (STAMBAUGH PAUL H) 12 October 1943 (1943-10-12) page 4, column 2, line 28 - line 49 -----	1
X	CA 1 256 075 A1 (THOMPSON BRUCE; THOMPSON RANDALL B) 20 June 1989 (1989-06-20) page 11, line 32 - page 13, line 8; figure 2 -----	1
X	US 2 264 344 A (SVENSON ERNEST J) 2 December 1941 (1941-12-02) page 2, column 1, line 4 - line 17 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/CZ2008/000099

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0802157	A	22-10-1997	JP 3343321 B2	11-11-2002
			JP 9286500 A	04-11-1997
			US 5934507 A	10-08-1999
US 2002130142	A1	19-09-2002	NONE	
WO 0071464	A	30-11-2000	AU 2593300 A	12-12-2000
			CA 2374644 A1	30-11-2000
			US 6230939 B1	15-05-2001
			US 6311873 B1	06-11-2001
US 2331435	A	12-10-1943	NONE	
CA 1256075	A1	20-06-1989	US 5088621 A	18-02-1992
US 2264344	A	02-12-1941	NONE	