

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1388-157PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below
International application No. PCT/CA2015/050061	International filing date (<i>day/month/year</i>) 29 January 2015 (29-01-2015) (Earliest)Priority date (<i>day/month/year</i>) 30 January 2014 (30-01-2014)
Applicant CLEARFORD INDUSTRIES INC.	

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

☒ the international application in the language in which it was filed.

☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (see Box No. II).

3. ☐ **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1B

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CA2015/050061

A. CLASSIFICATION OF SUBJECT MATTER

IPC: *E03F 5/10* (2006.01), *F16L 43/00* (2006.01), *F16L 55/07* (2006.01)

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)

IPC: *E03F 5/10* (2006.01), *F16L 43/00* (2006.01), *F16L 55/07* (2006.01), *B01D 21/24* (2006.01)

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

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

Questel-Orbit (FamPat), Canadian Patents Database (Keywords: inlet, pipe, septic, sewerage, sewage, tank, reservoir, sludge, vented, vent)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4886605 (HERVE, P.) 12 December 1989 (12-12-1989) *Entire document*	1, 2, 4-5, 15
Y	US 3923657 (ROSER, K. F.) 2 December 1975 (02-12-1975) *Entire document*	1
A	US 2432887 (HAVILAND, L. J.) 16 December 1947 (16-12-1947) *Entire document*	1-15
A	US 3709527 (NATIONS, R. L.) 9 January 1973 (09-01-1973) *Entire document*	1-15
A	US 2621157 (D'ALIBERTI, M.) 9 December 1952 (09-12-1952) *Entire document*	1-15

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* "A" "E" "L" "O" "P"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"T" "X" "Y" "&"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family
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Date of the actual completion of the international search
3 March 2015 (03-03-2015)Date of mailing of the international search report
16 March 2015 (16-03-2015)Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
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INTERNATIONAL SEARCH REPORT

International application No.

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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.
A	US 4438861 (MCGUFFEY, J. W.) 21 March 1984 (27-03-1984) *Entire document*	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/CA2015/050061

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US4886605A	12 December 1989 (12-12-1989)	AT56067T CA1296819C DE3764510D1 EP0240412A1 EP0240412B1 FR2596437A1 FR2596437B1	US4886605A 12 December 1989 (12-12-1989) 15 September 1990 (15-09-1990) 03 March 1992 (03-03-1992) 04 October 1990 (04-10-1990) 07 October 1987 (07-10-1987) 29 August 1990 (29-08-1990) 02 October 1987 (02-10-1987) 08 April 1988 (08-04-1988)
US3923657A	02 December 1975 (02-12-1975)		None
US2432887A	16 December 1947 (16-12-1947)		None
US3709527A	09 January 1973 (09-01-1973)		None
US2621157A	09 December 1952 (09-12-1952)		None
US4438861A	27 March 1984 (27-03-1984)		None