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[Continued on next page]

(54) Title: A GUIDE MEMBER AND A METHOD FOR POSITIONING A CABLE INTO A SEWERAGE SYSTEM

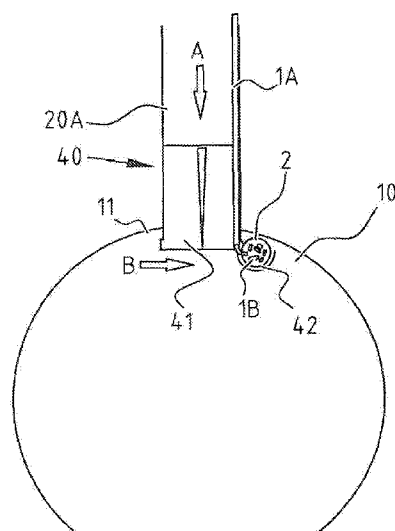


FIG. 2

(57) Abstract: A guide member (40) comprises a sleeve (41) for positioning into an entrance (15A) of a first branch pipe (20A) in a sewerage system, which entrance (15A) provides access to a main pipe (10), wherein a telecommunication cable system is inserted into said sewerage system, which telecommunication cable system comprising a cable trunk (2) present in the main pipe (10) and housing a plurality of cables (1A, 1B), of which plurality of cables a first cable (1A) extending into the first branch pipe (20A), wherein a first aperture (3) is present in said cable trunk (2) at or near the entrance (15A) of the first branch pipe (20A) through which the first cable (1A) leaves the cable trunk (2), which said guide member (40) comprises a trunk support part (42) projecting into the main pipe (10) and positioning the cable trunk (2) in a desired angular position near the entrance (15A) of the first branch pipe (20A), which guide member (40) further comprises a cable guide (45) for supporting the first cable (1A) at an outside of the sleeve (41), characterized in that the trunk support part (42) comprises a window in a protective member such that the aperture (3) is substantially aligned to said cable guide (45).



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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26 October 2012

INTERNATIONAL SEARCH REPORT

International application No

PCT/NL2012/050040

A. CLASSIFICATION OF SUBJECT MATTER
 INV. G02B6/50 H02G9/06
 ADD.

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)
 G02B H02G

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)

EP0-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.
X	US 2002/131825 A1 (FINZEL LOTHAR [DE] ET AL) 19 September 2002 (2002-09-19) figures 1-12, 15, 17 -----	17-23
A	EP 1 309 054 A1 (ASHIMORI IND CO LTD [JP]; SANKI ENG CO LTD [JP]; SETO ICHIRO [JP] ASHI) 7 May 2003 (2003-05-07) cited in the application figures 18-28,47,48 -----	1-16
A	JP 2002 318333 A (MOLE KOGYO KK) 31 October 2002 (2002-10-31) paragraph [0066] figures 11-24 ----- -/--	1,8-14

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

☒ See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" 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

"X" 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

"Y" 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

Date of the actual completion of the international search

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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	JP 2002 330508 A (NISHIKAWA TOSHIKI; SHINKO DENSO CO LTD; OKAYAMA CITY; NEC SYSTEM INTEG) 15 November 2002 (2002-11-15) figures 1,3 -----	1,8,14

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NL2012/050040

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-23-----

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-23

A guide member for a telecommunications cable inserted into a sewerage system; a method of positioning a cable in a sewerage system by means of said guide member; the use of said guide member; a sewerage pipe robot for positioning a guide member in a sewerage system.

1.1. claims: 1-16

A guide member for a telecommunications cable inserted into a sewerage system, the guide member comprising a trunk support part with a protecting member; a method of positioning a cable in a sewerage system by means of said guide member; the use of said guide member.

1.2. claims: 17-23

A sewerage pipe robot for positioning a guide member in a sewerage system, comprising a lift and a rotating member for positioning the guide member; use of said robot.

2. claims: 24, 25

A sewerage pipe robot comprising a lasso for catching a cable inserted into a sewerage system; use of said robot.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/NL2012/050040

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