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Published:

— *with international search report (Art. 21(3))*

[Continued on next page]

(54) Title: SYSTEM FOR HOLDING IN A CONDUIT CABLES OR DUCTS WITH DIFFERENT DIAMETERS

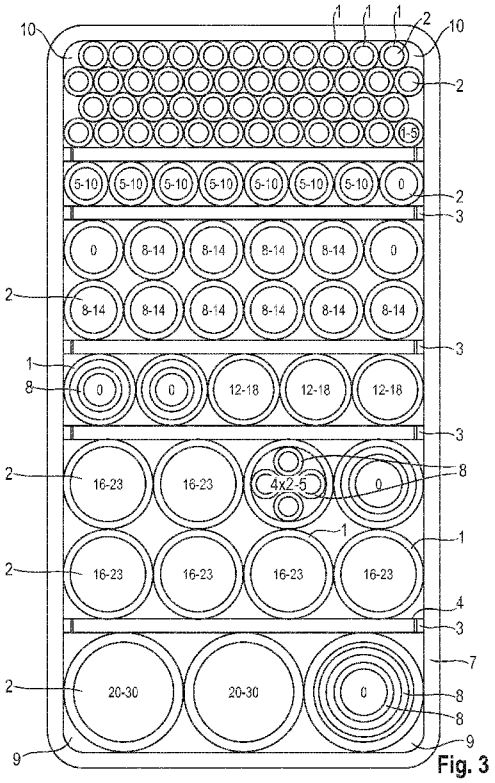


Fig. 3

(57) Abstract: A system for holding in a conduit (7) cables and/or ducts with different diameters, comprising a plurality of rubbery or rubberlike sleeves (1) for inserting in such a conduit (7), the plurality of sleeves (1) comprising a number of units (2) of bonded sleeves (1) which are oriented parallel to each other, wherein within each unit (2) the sleeves (1) have corresponding outer dimensions, and wherein at least one unit (2) has a sleeve (1) having an inner diameter which differs from an inner diameter of a sleeve (1) of at least one other unit (2) of the number of units, wherein the number of the units (2) and the dimensions of the units (2) are such that therewith a stack of units can be made, in the stack of units (2) each sleeve (1) is also oriented parallel to any of the other sleeves (1), the stack of units having a rectangular shape of which each side is in detail shaped by the presence of a number of the sleeves (1) and of which each edge is in detail shaped by the presence of one, two or three of the sleeves (1).

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— *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))*

— *with information concerning request for restoration of the right of priority in respect of one or more priority claims (Rules 26bis.3 and 48.2(b)(vii))*

(88) Date of publication of the international search report:
2 June 2016

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. F16L5/04 F16L5/14 H02G3/22
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)
F16L 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)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 10 2005 002879 A1 (SCHMID GABRIELE [DE]) 3 August 2006 (2006-08-03) abstract; figures paragraphs [0013], [0014] -----	1-72
X	US 2012/018960 A1 (ANDERSSON JENS [SE] ET AL) 26 January 2012 (2012-01-26) abstract; figures paragraph [0016] -----	1-3, 5-13,15, 17-72
X	WO 2010/090582 A1 (ROXTEC AB [SE]; ANDERSSON JENS [SE]; ERICSON MATS [SE]; FILIPSEN JENNY) 12 August 2010 (2010-08-12) abstract; figures page 4, line 20 - page 5, line 21 -----	1-3, 5-13,15, 17-72
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[X] Further documents are listed in the continuation of Box C.

[X] 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

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
11 April 2016	19/04/2016

Name and mailing address of the ISA/	Authorized officer
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Form PCT/ISA/210 (second sheet) (April 2005)

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 888 512 A1 (VIGNE FREDERIC RAOUL MARC [FR]) 19 January 2007 (2007-01-19) abstract; figures page 4, lines 23-27	1-3, 5-13,15, 17-72
X	DE 93 05 975 U1 (REIKU GMBH [DE]) 5 August 1993 (1993-08-05) figures page 7, last paragraph page 8, last paragraph - page 9, paragraph 1	1-3, 5-13,15, 17-72
X	DE 10 2005 011286 B3 (HAUFF TECHNIK GMBH & CO KG [DE]) 4 May 2006 (2006-05-04) abstract; figures paragraph [0032]; figure 6	1-3, 5-13,15, 17-72
A	WO 03/013658 A1 (BEELE ENG BV [NL]; BEELE JOHANNES ALFRED [NL]) 20 February 2003 (2003-02-20) cited in the application abstract; figures page 7, lines 10-17; figure 3	1-72
A	WO 2008/104237 A1 (BEELE ENG BV [NL]; BEELE JOHANNES ALFRED [NL]) 4 September 2008 (2008-09-04) cited in the application abstract; figures	1-72
X	DE 102 27 098 A1 (SCHULTE GUENTER [DE]) 8 January 2004 (2004-01-08) abstract; figures paragraph [0029]; figure 6	54-71

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INTERNATIONAL SEARCH REPORT

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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.:

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: 1-34

   System for holding cables and/or ducts with different diameters in a conduit

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2. claims: 35-53

   Unit of a number of bonded sleeves for holding cables or ducts in a conduit

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3. claims: 54-72

   Sleeve for holding cables or ducts in a conduit

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2015/070721

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