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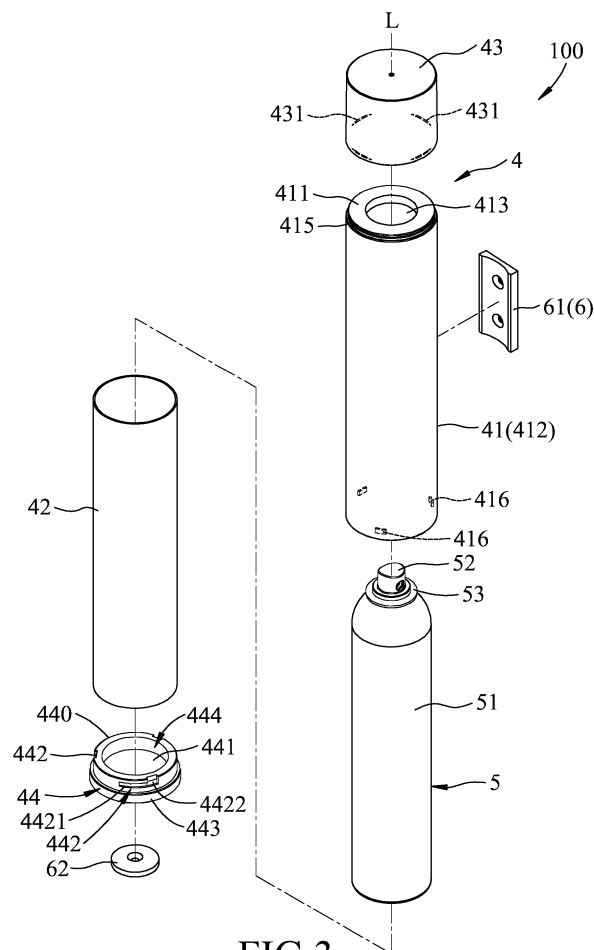
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(54) **CONTAINER DEVICE AND METHOD OF MAKING THE SAME**

(57) A container device (100) includes outer and inner containers (4, 5). The outer container (4) includes an outer container body (41) defining an axis (L) and an accommodation space (414) extending along the axis (L), and a metal tube layer (42) disposed in the accommodation space (414) and extending along and surrounding the axis (L). The outer container body (41) is made of a polymeric material. The metal tube layer (42) is made of a ferromagnetic material. The inner container (5) is disposed in the accommodation space (414) such that the metal tube layer (42) is disposed between the inner and outer containers (5, 4).



**FIG.3**



## EUROPEAN SEARCH REPORT

 Application Number  
 EP 16 20 5795

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                    |                                                                                               |                                                                                                                                                                                                                                                                              |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Category                                                                                                                                                                                                                                               | Citation of document with indication, where appropriate, of relevant passages                 | Relevant to claim                                                                                                                                                                                                                                                            | CLASSIFICATION OF THE APPLICATION (IPC) |
| X                                                                                                                                                                                                                                                      | US 2006/032642 A1 (JACOBSON RICHARD A [US] ET AL) 16 February 2006 (2006-02-16)               | 1,2,4,5,11                                                                                                                                                                                                                                                                   | INV.<br>A62C13/00                       |
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|                                                                                                                                                                                                                                                        | * page 19, line 32 - page 20, line 6; claims; figures *                                       |                                                                                                                                                                                                                                                                              |                                         |
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|                                                                                                                                                                                                                                                        | * claims; figures *                                                                           |                                                                                                                                                                                                                                                                              |                                         |
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|                                                                                                                                                                                                                                                        | * claims; figures *                                                                           |                                                                                                                                                                                                                                                                              |                                         |
| <del>The present search report has been drawn up for all claims</del>                                                                                                                                                                                  |                                                                                               |                                                                                                                                                                                                                                                                              |                                         |
| Place of search<br><b>The Hague</b>                                                                                                                                                                                                                    |                                                                                               | Date of completion of the search<br><b>16 May 2017</b>                                                                                                                                                                                                                       | Examiner<br><b>Douskas, K</b>           |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |                                                                                               | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                         |

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Application Number

EP 16 20 5795

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-11

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION**  
**SHEET B**

Application Number

EP 16 20 5795

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-11

A container device (100) comprising:  
an outer container (4) including an outer container body (41) defining an axis (L) and an accommodation space (414) extending along the axis (L), and a metal tube layer (42) disposed in said accommodation space (414) and extending along and surrounding the axis (L), said outer container body (41) being made of a polymeric material, said metal tube layer (42) being made of a ferromagnetic material; and an inner container (5) disposed in said accommodation space (414) such that said metal tube layer (42) is disposed between said inner and outer containers (5, 4) and further comprising a magnet unit (6) configured to be fixed on a support structure, said magnet unit (6) magnetically attracting said outer container (4) for detachably mounting said outer container (4) on the support structure.

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2. claims: 12-15

A method of making a container device (100), comprising the steps of:  
(A) sleeving a metal tube (7) on a mold post (81) of a male mold (8) and then mating the male mold (8) to a female mold (9), the metal tube (7) being made of a ferromagnetic material;  
(B) pouring molten plastic material into a gap (80) between the male and female molds (8, 9) so as to surround and cover an outer surface of the metal tube (42);  
(C) removing a molded outer container body (41) with a metal tube layer (42) from the male and female molds (8, 9) after the molten plastic material is cured and solidified; and  
(D) inserting an inner container (5) into the outer container body (41).

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 16 20 5795

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-05-2017

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