



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 84 24 64

## Classification of the application (IPC):

G05D 1/00, G06Q 10/08, B64C 39/02, G08G 5/04, B64D 1/08, G08G 5/00,  
H04W 4/029, H04W 4/40, H04W 4/35

## Technical fields searched (IPC):

G08G, G06Q, G05D

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                   |                     |
|-------------------------------------|-----------------------------------------------------------------------------------|---------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages     | Relevant to claim   |
| X                                   | US 2016068264 A1 (GANESH SHRIRAM [US] ET AL)<br>10 March 2016 (2016-03-10)        | 1-3, 5-10,<br>12-21 |
| Y                                   | * paragraphs [0001], [0030] - [0062], [0133], [0150] *                            | 4, 11               |
| X                                   | US 2016189101 A1 (KANTOR IGOR [US] ET AL)<br>30 June 2016 (2016-06-30)            | 1-3, 5-9, 12-21     |
| Y                                   | * paragraphs [0016] - [0025], [0054] - [0063]; figures 2, 4b *                    | 4, 11               |
| X                                   | US 9305280 B1 (BERG PAUL WILLIAM [US] ET AL)<br>05 April 2016 (2016-04-05)        | 1-3, 5-8, 17        |
| A                                   | * column 6, line 6 - line 34; figure 2 *                                          | 4, 9-16, 18-21      |
| Y                                   | US 2015006005 A1 (YU STEVEN SOUNYOUNG [US] ET AL)<br>01 January 2015 (2015-01-01) | 4, 11               |
|                                     | * paragraph [0109]; figures 1A-1C *                                               |                     |
| Y                                   | US 2014136414 A1 (ABHYANKER RAJ [US]) 15 May 2014 (2014-05-15)                    | 4, 11               |
|                                     | * paragraphs [0104] - [0107], [0469], [0503] *                                    |                     |
| A                                   | US 8886459 B2 (ARINC INC [US]) 11 November 2014 (2014-11-11)                      | 1-21                |
|                                     | * column 14, line 13 - line 21 *                                                  |                     |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

|                           |                                                 |                           |
|---------------------------|-------------------------------------------------|---------------------------|
| Place of search<br>Munich | Date of completion of the search<br>19 May 2020 | Examiner<br>Etienne, Yves |
|---------------------------|-------------------------------------------------|---------------------------|

## CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone                                         | P: intermediate document                                               |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention                        |
| A: technological background                                                     | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure                                                       | D: document cited in the application                                   |
| &: member of the same patent family, corresponding document                     | L: document cited for other reasons                                    |

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### 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:

1. claims: 1-3, 6-10, 16-18(completely); 12-15(partially)  
Identification of a customer and guidance of the delivery drone
2. claims: 4, 11(completely); 12-15(partially)  
deployable portion of the delivery unit
3. claim: 5  
visual indicator to indicate the delivery status
4. claims: 19-21  
monitoring delivery drones from a home base work station

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

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

|                           |                                                 |                           |
|---------------------------|-------------------------------------------------|---------------------------|
| Place of search<br>Munich | Date of completion of the search<br>19 May 2020 | Examiner<br>Etienne, Yves |
|---------------------------|-------------------------------------------------|---------------------------|

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|                                                                                 | L: document cited for other reasons                                    |
- & : member of the same patent family, corresponding document

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# ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 84 24 64

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 19-05-2020  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent document cited<br>in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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| US 2014136414 A1                          | 15-05-2014          | NONE                       |                     |
| US 8886459 B2                             | 11-11-2014          | NONE                       |                     |