



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 82 46 09

## Classification of the application (IPC):

G01S 17/42, G01S 17/50, G01S 17/89, G06T 7/30, G01S 7/48, G01C 21/16,  
G01S 17/86, G06T 7/20, G06T 7/579

## Technical fields searched (IPC):

G01S, G01C, G06T

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                                                                                                                                    |                   |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                      | Relevant to claim |
| E                                   | WO 2018140701 A1 (KAARTA INC [US]) 02 August 2018 (2018-08-02)<br>* paragraph [0116] - paragraph [0148]; figures 10,14 *                                                                                                                                                           | 1-4, 6, 7, 9-13   |
| X,P                                 | WO 2018071416 A1 (KAARTA INC [US]) 19 April 2018 (2018-04-19)<br>* paragraph [0112] - paragraph [0144]; figures 10,14 *                                                                                                                                                            | 1-4, 6, 7, 9-13   |
| X                                   | WO 2014048475 A1 (METAIO GMBH [DE]; LANGER MARION [DE] ET AL.) 03 April 2014 (2014-04-03)<br>* page 14, line 12 - page 18, line 29; figures 8A,B *<br>* page 26, line 3 - line 30 *                                                                                                | 1-13              |
| X                                   | WO 2014130854 A1 (UNIVERSITY OF MINNESOTA [US]) 28 August 2014 (2014-08-28)<br>* paragraph [0058] - paragraph [0059]; figure 1.1 *<br>* paragraph [0035] - paragraph [0038]; figure 1 *<br>* paragraph [0003] *<br>* paragraph [0008] *<br>* paragraph [0028] - paragraph [0029] * | 1, 2, 8-12        |

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

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|---------------------------|-----------------------------------------------------|-----------------------------|
| Place of search<br>Munich | Date of completion of the search<br>22 October 2020 | Examiner<br>Kaleve, Abraham |
|---------------------------|-----------------------------------------------------|-----------------------------|

## CATEGORY OF CITED DOCUMENTS

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 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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# ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 82 46 09

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 22-10-2020  
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| Patent document cited<br>in search report | Publication<br>date | Patent family<br>member(s)                                                                                                                                                                                | Publication<br>date                                                                                                                                    |
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| WO 2014130854 A1                          | 28-08-2014          | US 2014316698 A1<br>US 2016005164 A1<br>WO 2014130854 A1                                                                                                                                                  | 23-10-2014<br>07-01-2016<br>28-08-2014                                                                                                                 |