



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 75 51 65

## Classification of the application (IPC):

**F41G 3/02, G01S 19/13, G01S 19/47, F41G 1/38, G01C 17/00, F41G 3/14, F41H 7/00, G02B 23/00, F41G 3/04, F41G 3/06, F41G 3/16, F41G 9/00, G01S 5/00, G01S 19/49, G01S 19/53**

## Technical fields searched (IPC):

F41G, F42D, F41H, G02B

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                                         |                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                                                           | Relevant to claim |
| A                                   | US 2008118104 A1 (ARIYUR KARTIK B [US] ET AL)<br>22 May 2008 (2008-05-22)<br>* paragraph [0054] - paragraph [0059]; figures 5,6 *<br>* paragraph [0102] - paragraph [0104]; figure 13 * | 1-16              |
| A                                   | US 2008290164 A1 (PAPALE THOMAS F [US] ET AL)<br>27 November 2008 (2008-11-27)<br>* paragraph [0018] - paragraph [0026]; figures 1-3 *                                                  | 1-16              |
| A                                   | DE 102013008568 A1 (DIEHL BGT DEFENCE GMBH & CO KG [DE])<br>20 November 2014 (2014-11-20)<br>* paragraph [0035] - paragraph [0049]; figure 1 *                                          | 1-16              |
| A                                   | US 2016091282 A1 (BAKER JOE D [US] ET AL)<br>31 March 2016 (2016-03-31)<br>* paragraph [0051] - paragraph [0066]; figures 1-4 *                                                         | 1-16              |

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>11 October 2022 | Examiner<br>Kaleve, Abraham |
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## 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 20 75 51 65

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 11-10-2022  
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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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