



SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

Application number:
EP 17 81 06 62

Classification of the application (IPC):

F41H 5/04, F41H 5/24, F42D 5/045, F42D 5/05, E04B 1/74, E04B 1/94,
E04B 1/98, E04H 9/04

Technical fields searched (IPC):

F41H, F42D, E04H, E04B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 203561298 U (3RD ENG CORPS RES INST OF HEADQUARTERS GENERAL STAFF PLA) 23 April 2014 (2014-04-23) * paragraphs [0001], [0003], [0019]; figures 2,3 *	1, 5-7, 15
X	WO 2009058453 A2 (GREENHILL ANTIBALLISTICS CORP [US]; GREENHILL ZACHARY R [US] ET AL.) 07 May 2009 (2009-05-07) * page 29, lines 6-29 * * page 30, lines 11-15 * * page 30, lines 24-30 *	1, 5, 15
X	US 4567100 A (PICKETT TEDDY L [US] ET AL) 28 January 1986 (1986-01-28) * column 1, line 54 - column 2, line 2; figure 1 * * column 1, lines 29-45 *	1-8, 15
A	US 2015308791 A1 (NAVARRA JOSEPH ANDREW [US]) 29 October 2015 (2015-10-29) * the whole document *	6, 7
A	US 2011023697 A1 (HOWLAND CHARLES A [US]) 03 February 2011 (2011-02-03) * the whole document *	6, 7
A	CA 2438802 A1 (GUIRGIS SAMEH [CA]; GUIRGUIS EHAB [CA]) 27 February 2005 (2005-02-27) * the whole document *	6, 7
A	WO 2009099621 A1 (GETTLE GUY LEATH [US]) 13 August 2009 (2009-08-13) * the whole document *	6, 7

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 The Hague	Date of completion of the search 03 October 2019	Examiner Lahousse, Alexandre
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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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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	KR 101593566 B1 (FOAMTECH GLOBAL CO LTD [KR]) 16 February 2016 (2016-02-16) * the whole document *	6, 7
A	US 2012174763 A1 (RITCHIE ROBERT S [US] ET AL) 12 July 2012 (2012-07-12) * the whole document *	6, 7
A	WO 0055567 A1 (FRAUNHOFER USA INC [US]; YU CHIN JYE [US] ET AL.) 21 September 2000 (2000-09-21) * the whole document *	6, 7
A	WO 2007073363 A2 (LIFE SHIELD ENGINEERED SYSTEMS [US]; HALL BRUCE [US]) 28 June 2007 (2007-06-28) * the whole document *	4, 6, 7
A	US 2008121151 A1 (HALLISSY GERALD [US] ET AL) 29 May 2008 (2008-05-29) * the whole document *	6, 7
A	US 2014037883 A1 (LAVATURE ADALBERT E [US]) 06 February 2014 (2014-02-06) * the whole document *	6, 7
A	WO 2016054625 A2 (ANTIBALLISTIC SECURITY AND PROT INC [US]) 07 April 2016 (2016-04-07) * the whole document *	4, 6, 7
A	US 2015096479 A1 (MCCARTHY JAMES L [US] ET AL) 09 April 2015 (2015-04-09) * the whole document *	4

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R. 62a, 63) has been carried out.

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 The Hague	Date of completion of the search 03 October 2019	Examiner Lahousse, Alexandre
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| X: particularly relevant if taken alone | P: intermediate document |
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Application number:
EP 17 81 06 62

INCOMPLETE SEARCH

Claim(s) completely searchable: 1-8, 15

Claim(s) not searched: 9-14

Reason for the limitation of the search:

[0001] In reply to the clarification request according to Rule 62(a) EPC, the applicant indicated on the 12-09-19, that the claims to be searched are claims 1-8 and 15.

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 The Hague	Date of completion of the search 03 October 2019	Examiner Lahousse, Alexandre
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
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ANNEX TO SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

Application number:
EP 17 81 06 62

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 03-10-2019
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			WO	2016054625 A2	07-04-2016
US 2015096479	A1	09-04-2015	NONE		