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Inventors:
• BARRETT, Ronnie
Murfreesboro, Tennessee 37133-1077 (US)
• BARRETT, Chris
Murfreesboro, Tennessee 37133-1077 (US)
- (74)

Representative: Baldwin, Mark
Firebird IP
27 Old Gloucester Street
London WC1N 3AX (GB)
- (30)

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Applicant: Barrett Firearms Manufacturing, Inc.
Murfreesboro, TN 37133-1077 (US)

(54)

FIREARM

- (57)

A firearm comprising an upper receiver, a lower receiver, a bolt guide, and a locking pin. The upper receiver may be selectively couplable to the lower receiver via at least one takedown pin. The at least one takedown pin may be selectively moveable between an engaged position and a disengaged position. In the engaged position the at least one takedown pin may couple the upper
- receiver to the lower receiver. The bolt guide may be configured to be received by a bore of the upper receiver. The locking pin may be operably disposed between the bolt guide and the at least one takedown pin. The locking pin may be selectively moveable between a locking position and passive position via rotation of the bolt guide.

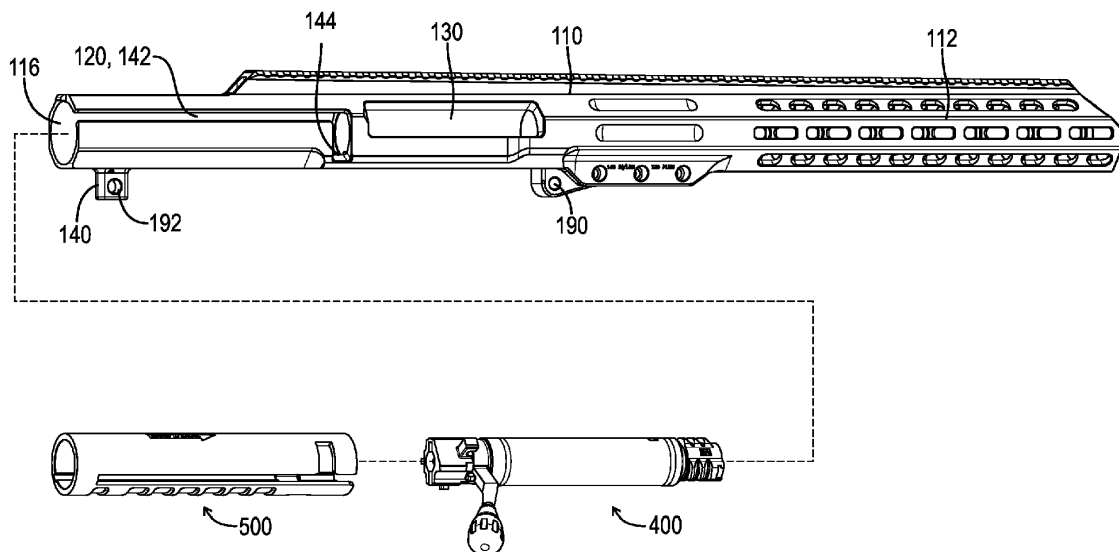


FIG. 10



EUROPEAN SEARCH REPORT

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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)
A	US 10 222 149 B2 (SIG SAUER INC [US]) 5 March 2019 (2019-03-05) * abstract; claim 1; figures * -----	1-9	INV. F41A11/00 F41A3/22 F41A3/66 F41A11/04
A	US 10 578 380 B2 (STRIKE IND INC [US]) 3 March 2020 (2020-03-03) * abstract * * claims 1-3 * * figures * -----	1-9	
A	US 10 663 239 B2 (TIMMONS DAVID RIAN [US]) 26 May 2020 (2020-05-26) * abstract * * column 7, line 55 - column 8, line 39 * * figures * -----	1-9	
A	US 10 337 810 B2 (JUGGERNAUT TACTICAL INC [US]) 2 July 2019 (2019-07-02) * abstract * * column 4, line 10 - line 62 * * figures * -----	1-9	
			TECHNICAL FIELDS SEARCHED (IPC)
			F41A
-The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 September 2024	Examiner Vermander, Wim
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



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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:

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☐ 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

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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: 1-9**Firearm with lockable takedown pin**

2. claims: 10-15**Bolt assembly with indexing key on bolt head**

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

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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
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