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**Firing pin block for firearm with a rotary breech bolt.**

A firing pin block for a firearm of the type having a rotary breech bolt (30), a reciprocating bolt carrier (28), complementary locking (16,18) lugs formed on the bolt and barrel (12) to releasably secure them together, and cam means (50,52) drivingly connecting the bolt (30) and bolt carrier (28) for opening and closing the bolt. The firing pin block positively prevents discharge of the firearm at any time when

the bolt is unlocked. It does not rely on the presence or good condition of any separate parts, but instead coordinates the cam-actuated rotary operation of the locking lugs (16,18) with relative longitudinal displacements between the bolt and bolt carrier, to cause the latter to block an enlarged abutment (48) formed on the firing pin (34) whenever the bolt is unlocked.

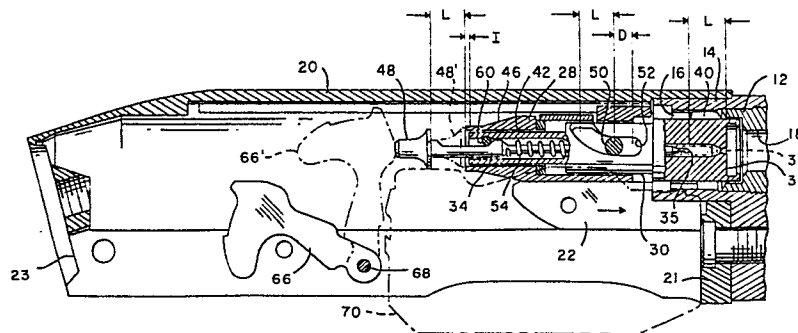


FIG. 4



European Patent  
Office

EUROPEAN SEARCH REPORT

0034476

Application number

EP 81 30 0590

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>US - A - 3 690 218</u> (MAILLARD)	1	F 41 D 11/16
A	<u>FR - A - 2 071 928</u> (WERKZEUG- MASCHINENFABRIK OERLIKON-BUHNLE AG) & <u>US - A - 3 713 363</u>	1	
AD	<u>US - A - 3 397 473</u> (BROWNING)		
AD	<u>US - A - 2 926 446</u> (BENSON)		
AD	<u>US - A - 2 685 754</u> (CRITTENDON)		
AD	<u>US - A - 2 675 638</u> (CRITTENDON)		
AD	<u>US - A - 2 976 637</u> (ROBINSON)		
-----			TECHNICAL FIELDS SEARCHED (Int.Cl. <sup>3</sup> )
			F 41 D F 41 C
			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
<input checked="" type="checkbox"/> The present search report has been drawn up for all claims			&: member of the same patent family, corresponding document
Place of search	Date of completion of the search	Examiner	
The Hague	05-02-1982	WETZEL	