

Title (en)

Gun barrel provided with a support for a collimator which is mounted near the muzzle end

Title (de)

Waffenrohr mit einer im Bereich der Rohrmündung angeordneten Kollimatorhalterung

Title (fr)

Tube de canon comportant un support pour collimateur disposé près de la bouche du canon

Publication

EP 0985897 A3 20001025 (DE)

Application

EP 99113996 A 19990719

Priority

DE 19841585 A 19980911

Abstract (en)

[origin: EP0985897A2] A collimator fitting for the front end of a gun barrel uses a dovetail fitting to slide the collimator (3) axially onto support blocks (11,12) on the barrel with sloping grips edges under the collimator and on the blocks. The dovetailed gripping surfaces have an angle of 2 to 5 degrees between them to prevent jamming. A transverse wedge (14) is pulled between the collimator and the barrel by a screw (20) to secure the fitting. The gap between the wedge and the clamping faces is between 3 and 8 degrees. This prevents the collimator jamming to the fitting when the barrel is hot.

IPC 1-7

F41A 21/00; **F41G 3/32**; **F41G 1/54**; **F41G 1/033**; **F41G 1/02**

IPC 8 full level

F41G 1/38 (2006.01); **F41A 21/00** (2006.01); **F41G 1/02** (2006.01); **F41G 1/033** (2006.01); **F41G 1/54** (2006.01); **F41G 3/30** (2006.01); **F41G 3/32** (2006.01); **G02B 7/00** (2006.01); **G02B 23/02** (2006.01); **G02B 27/30** (2006.01)

CPC (source: EP US)

F41G 1/033 (2013.01 - EP US); **F41G 3/323** (2013.01 - EP US)

Citation (search report)

- [A] US 5189245 A 19930223 - BUNDY MARK L [US]
- [A] DE 275777 C
- [A] US 4779370 A 19881025 - CORMACK ALEXANDER J R [US]
- [A] US 4959908 A 19901002 - WEYRAUCH ADOLF [DE]
- [A] GB 2283090 A 19950426 - SAGEM [FR]

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FR2827374A1; EP1275927A3; US6729223B2

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DOCDB simple family (publication)

EP 0985897 A2 20000315; **EP 0985897 A3 20001025**; **EP 0985897 B1 20011031**; AT E208032 T1 20011115; DE 19841585 A1 20000316; DE 59900375 D1 20011206; ES 2165219 T3 20020301; JP 2000088495 A 20000331; JP 3679281 B2 20050803; US 6318015 B1 20011120

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EP 99113996 A 19990719; AT 99113996 T 19990719; DE 19841585 A 19980911; DE 59900375 T 19990719; ES 99113996 T 19990719; JP 25912799 A 19990913; US 39381099 A 19990910