

Title (en)  
Device for correcting the trajectory of ball projectiles for a replica weapon

Title (de)  
Vorrichtung zur Flugbahnkorrektur eines Ballgeschosses in einer Replica-Waffe

Title (fr)  
Dispositif de correction de la trajectoire des projectiles à billes dans une réplique d'arme

Publication  
**EP 1522815 A1 20050413 (FR)**

Application  
**EP 04300598 A 20040914**

Priority  
FR 0350564 A 20030918

Abstract (en)  
The device has right and left pins (3d, 3g) forming two bosses (6d, 6g), respectively for retention of a missile in a barrel (1) of a weapon. The pins are situated symmetrically on both sides of a vertical reference axis (XX) passing via a center of the barrel, and are introduced across the barrel support. The pins have screws (4d, 4g) with adjustment knobs (5d, 5g) that adjust the heights of the bosses.

Abstract (fr)  
L'invention concerne un dispositif de correction de la trajectoire d'un projectile en sortie d'un canon d'une réplique d'arme, comportant un premier doigt (3d) formant un premier bossage (6d) de retenue du projectile dans le canon, un second doigt (3g) formant un second bossage (6g) de retenue du projectile dans le canon, les premier et second doigts étant situés symétriquement de part et d'autre d'un axe vertical (XX) passant par le centre (C) du canon. <IMAGE>

IPC 1-7  
**F41A 21/16; F41B 11/00**

IPC 8 full level  
**F41B 7/08** (2006.01); **A63H 33/18** (2006.01); **F41A 21/00** (2006.01); **F41A 21/02** (2006.01); **F41A 21/16** (2006.01); **F41A 21/18** (2006.01); **F41A 31/02** (2006.01); **F41B 7/00** (2006.01); **F41B 11/00** (2013.01); **F41B 11/57** (2013.01)

CPC (source: EP KR US)  
**F41A 21/00** (2013.01 - KR); **F41A 21/02** (2013.01 - EP US); **F41A 21/16** (2013.01 - EP KR US); **F41A 21/18** (2013.01 - KR); **F41A 31/02** (2013.01 - EP US); **F41B 7/003** (2013.01 - EP US); **F41B 7/08** (2013.01 - KR); **F41B 11/00** (2013.01 - EP US); **F41B 11/57** (2013.01 - EP); **F41B 11/71** (2013.01 - EP US)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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**US 2005178877 A1 20050818**; AT E356333 T1 20070315; DE 602004005121 D1 20070419; DE 602004005121 T2 20071213; DK 1522815 T3 20070702; EP 1522815 A1 20050413; EP 1522815 B1 20070307; ES 2283961 T3 20071101; FR 2860064 A1 20050325; FR 2860064 B1 20071102; HK 1078927 A1 20060324; JP 2005121358 A 20050512; JP 4022214 B2 20071212; KR 100646734 B1 20061123; KR 20050028865 A 20050323; PL 1522815 T3 20070831; PT 1522815 E 20070620; TW 200512432 A 20050401; TW I248505 B 20060201

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**US 94374604 A 20040917**; AT 04300598 T 20040914; DE 602004005121 T 20040914; DK 04300598 T 20040914; EP 04300598 A 20040914; ES 04300598 T 20040914; FR 0350564 A 20030918; HK 05109031 A 20051013; JP 2004273225 A 20040921; KR 20040074680 A 20040917; PL 04300598 T 20040914; PT 04300598 T 20040914; TW 93127998 A 20040916