

Title (en)

Bullet-loading assembly for a toy gun

Title (de)

Ladevorrichtung für ein Spielzeuggewehr

Title (fr)

Ensemble de chargement de balle pour arme de jeu

Publication

EP 2141440 A1 20100106 (EN)

Application

EP 08012172 A 20080705

Priority

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Abstract (en)

A bullet-loading assembly (3) is mounted on a toy gun. The toy gun has a body (1) and a triggering assembly (2). The body (1) has a handgrip (10), a bullet chamber (11), a guiding slot (14) and a bottle chamber (16). The triggering assembly (3) has a bolt (20), a trigger (21) and a hammer (24). The bullet-loading assembly (3) has a barrel (1A), a bullet passageway (15) and a limiting member (30). The barrel (1A) is mounted on the body (1) and has a rear end and a bore. The bullet passageway (15) is defined through the handgrip and is located adjacent to the barrel (1A). The limiting member (30) is mounted securely around the barrel (1A) and has a limit (301) pressing against an uppermost ball bullet (4) in the bullet passageway (15) to prevent more than one ball bullet (4) from entering the bullet chamber (11). When the trigger (21) is pulled, the barrel (1A) and the limiting member (30) move back, the rear end of the barrel (1A) engaging with the front end of the bolt (20) and receiving the uppermost bullet (BB).

IPC 8 full level

F41B 11/55 (2013.01)

CPC (source: EP)

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Citation (search report)

- [A] DE 10354518 A1 20040603 - GAMO IND SA [ES]
- [A] US 5711286 A 19980127 - PETROSYAN ALEKSEI LVOVICH [RU], et al
- [A] EP 0922922 A2 19990616 - WESTERN ARMS CORP [JP]

Designated contracting state (EPC)

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