

Title (en)

Gun bolt transmission mechanism for electric toy gun

Title (de)

Schussbolzenübertragungsmechanismus für elektrische Spielzeugpistole

Title (fr)

Mécanisme de transmission de culasse de pistolet pour pistolet électrique jouet

Publication

EP 2395313 B1 20120711 (EN)

Application

EP 10165481 A 20100610

Priority

EP 10165481 A 20100610

Abstract (en)

[origin: EP2395313A1] A gun bolt transmission mechanism (A) used in an electric toy gun is disclosed to include a driving member (4) pivotally mounted in the gun body (B) of the electric toy gun at one side of a bolt body (3) that accommodates a piston set (2), and a push rod (112) located on a gear set (1) for moving the driving member (4) to push the bolt body (3) backwards during rotation of the gear set (1) and for enabling the bolt body (3) to be returned after rotation of the gear set (1) through a predetermined angle to disengage the push rod (112) from the driving member (4). Thus, the bolt body (3) simulates the motion of a real gun and the movement of the piston set (2) does not interfere with the movement of the bolt body (3).

IPC 8 full level

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CPC (source: EP)

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