

Title (en)

Compressed gas gun with firing impulse compensation device

Title (de)

Druckgaswaffe mit Abschussimpulsausgleichsvorrichtung

Title (fr)

Arme à gaz comprimé avec dispositif de compensation d'impulsion de tir

Publication

EP 2631588 B1 20170927 (EN)

Application

EP 13156817 A 20130226

Priority

IT LU20120004 A 20120227

Abstract (en)

[origin: EP2631588A1] Compressed gas gun (1) with firing impulse compensation device (2) comprising: - a compressed gas reservoir (3); - a barrel (4) in which a projectile runs; - a firing mechanism for said projectile which can be activated by means of a trigger (5) for controlling metered delivery of said compressed gas, wherein said firing impulse compensation device (2) comprises a compensation mass (6) which is kept in the initial position by retaining means and which, during the movement of said projectile through said barrel (4), is pushed in a direction opposite to the projectile and is released by said retaining means at least indirectly by means of the compressed gas acting on the projectile and passing into a connection duct (7) interposed between said barrel (4) and said mass (6), in which the quantity of compressed gas suitable for releasing said mass can be calibrated by means of adjustment means accessible from the outside of said gun (1).

IPC 8 full level

F41B 11/644 (2013.01); **F41B 11/721** (2013.01)

CPC (source: EP)

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Cited by

US2017184372A1; US10767959B2

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