

Title (en)

A 12-gauge shotgun and the like operated by two cylindrical inertial masses slidable along the tubular magazine

Title (de)

Schrotflinte die durch zwei längs des röhrenförmigen Magazins gleitenden zylindrischen Trägheitsmassen betätigt wird

Title (fr)

Fusil de chasse actionné par deux masses à inertie cylindriques glissant le long du magasin tubulaire

Publication

EP 0738864 A1 19961023 (EN)

Application

EP 96830225 A 19960419

Priority

IT RM950253 A 19950420

Abstract (en)

A device controlling the breech-block of a shotgun, especially a 12-gauge shotgun, includes two cylindrical lined up inertial masses which are free to slide with respect to each other and to the shotgun along the tubular magazine located under the barrel, the mass remote from the shotgun butt being pivotally connected to a first class lever acting on the breech-block, the other mass being capable of moving said first class lever to release the breech-block, the displacement of the first inertial mass being impeded by an elastic member or counter spring which is capable of being compressed against a solid member of the shotgun, when the recoil energy overcomes a predetermined threshold, so that the lever controlling the breech-block is driven by the second mass in a more or less delayed way depending on the power of the used cartridge. <IMAGE>

IPC 1-7

F41A 5/10; **F41A 5/12**

IPC 8 full level

F41A 5/10 (2006.01); **F41A 5/12** (2006.01)

CPC (source: EP)

F41A 5/10 (2013.01); **F41A 5/12** (2013.01)

Citation (search report)

- [A] FR 2131102 A5 19721110 - BRETTON RENE
- [A] US 2466902 A 19490412 - LOCHHEAD JOHN L
- [A] GB 645416 A 19501101 - ARNOLD LOUIS CHEVALLIER, et al
- [A] FR 473402 A 19150112 - JAMES EASTWICK [GB]
- [A] US 4505183 A 19850319 - GREHL WILLIAM H [US]
- [A] US 4102242 A 19780725 - LIEDKE CARL F

Cited by

AU2001267128B2; EP1342974A1; CN100339676C; US10782082B2; US6761102B2; WO0165195A3

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0738864 A1 19961023; IT 1306600 B1 20010618; IT RM950253 A0 19950420; IT RM950253 A1 19950720

DOCDB simple family (application)

EP 96830225 A 19960419; IT RM950253 A 19950420