Title (en)

ARTILLERY SHELL PROPELLANT GAS SEALING DEVICE.

Title (de)

VORRICHTUNG ZUR ABDICHTUNG DER TERIBGASE BEI ARTILLERIEGESCHOSSEN.

Title (fr)

DISPOSITIF D'ETANCHEITE AUX GAZ DE PROPULSION POUR MUNITIONS D'ARTILLERIE.

Publication

EP 0659264 A1 19950628 (FR)

Application

EP 94909163 A 19940308

Priority

- FR 9303096 A 19930318
- FR 9400254 W 19940308

Abstract (en)

[origin: WO9421981A1] A propellant gas sealing device for artillery shells comprising a projectile and a propellant charge, including a piston (10) attached to the back of the projectile by a separable connector (12) to separate the projectile from the explosive charge, a low pressure seal (14) supported by the piston for sealing the piston from the weapon chamber, and a high pressure plug (17) supported by the piston (10) for sealing the piston from the weapon barrel. The device is suitable for shells in which the propellant charge is separate from the projectile.

IPC 1-7

F42B 14/02; F42B 5/10

IPC 8 full level

F42B 5/10 (2006.01); **F42B 14/02** (2006.01)

CPC (source: EP US)

F42B 5/105 (2013.01 - EP US); **F42B 14/02** (2013.01 - EP US)

Citation (search report)

See references of WO 9421981A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

WO 9421981 A1 19940929; DE 69412048 D1 19980903; DE 69412048 T2 19981217; EP 0659264 A1 19950628; EP 0659264 B1 19980729; FR 2702833 A1 19940923; FR 2702833 B1 19950512; IL 109018 A 19980924; US 5492064 A 19960220

DOCDB simple family (application)

FR 9400254 W 19940308; DE 69412048 T 19940308; EP 94909163 A 19940308; FR 9303096 A 19930318; IL 10901894 A 19940317; US 32531794 A 19941209