

Title (en)

Mechanical initiating system for caseless ammunition

Title (de)

Mechanisches Initiiersystem für hüllosenlose Munition

Title (fr)

Système mécanique d'initiation pour munitions sans douille

Publication

EP 1688694 A1 20060809 (DE)

Application

EP 06001925 A 20060131

Priority

- DE 102005004936 A 20050203
- DE 102005012284 A 20050317

Abstract (en)

The system has a weapon impact base (16) and lateral to the base a bordering powder transverse cartridge chamber (14) is provided. A firing pin (28) is axially adjustably arranged in a throughhole (26) of the weapon impact base and in the cartridge chamber a powder body (12) with an igniting mixture (52) ignited by the firing pin, is arranged. The weapon impact base has a reservoir (32), open to the throughhole and a groove (36) circulates the firing pin. The weapon impact base has a seal socket (22) which is provided with the throughhole for the firing pin and with the reservoir.

IPC 8 full level

F41A 29/04 (2006.01); **F41A 19/13** (2006.01)

CPC (source: EP US)

F41A 19/13 (2013.01 - EP US); **F41A 29/04** (2013.01 - EP US)

Citation (applicant)

DE 2105295 C1 19770421

Citation (search report)

- [XAY] DE 2405762 A1 19750814 - DIEHL FA
- [YA] US 4581836 A 19860415 - BAKER RICHARD L [US], et al
- [A] DE 2405763 A1 19750814 - DIEHL FA
- [A] CH 509563 A 19710630 - OERLIKON BUEHRLE AG [CH]
- [A] CH 91600 A 19211101 - LUDORF ERNST [CH]
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- [A] US 5235770 A 19930817 - SIMON GEORGES [FR], et al
- [A] US 1345565 A 19200706 - THOMPSON JOHN T
- [A] US 3547001 A 19701215 - STONER EUGENE M
- [A] DE 298815 C

Designated contracting state (EPC)

AT BE CH DE FR LI

DOCDB simple family (publication)

EP 1688694 A1 20060809; **EP 1688694 B1 20070808**; AT E369537 T1 20070815; DE 102005012284 A1 20060810; DE 5020060000050 D1 20070920; US 2006254109 A1 20061116; US 7357059 B2 20080415

DOCDB simple family (application)

EP 06001925 A 20060131; AT 06001925 T 20060131; DE 102005012284 A 20050317; DE 5020060000050 T 20060131; US 33741906 A 20060123