

Title (en)
FIXED AMMUNITION

Title (de)
PATRONIERTE MUNITION

Title (fr)
MUNITION ENCARTOUCHEE

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Application
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Abstract (en)
[origin: US5936189A] PCT No. PCT/DE96/01388 Sec. 371 Date May 11, 1998 Sec. 102(e) Date May 11, 1998 PCT Filed Jul. 22, 1996 PCT Pub. No. WO97/05445 PCT Pub. Date Feb. 13, 1997The cartridged ammunition comprises a projectile (11) and a cartridge case (10) receiving the latter. The cartridge case (10) contains a cartridge (12) limiting a high-pressure space (21) in which a propelling charge (14) is located. The cartridge (12) is surrounded by a low-pressure space (10a) limited by the inside walls of the cartridge case (10) and a part of the base of the projectile (11). At the rear of the projectile (11) a tracer composition (11b) is arranged in a tube (27) which protrudes through the upper wall of the cartridge (12) into the high-pressure space (21). Projectile and cartridge case are interconnected via a rated breaking point (12d). The pressure for expelling the projectile (11) from the cartridge case is supplied by the pressure both in the high-pressure space (21) and in the low-pressure space (10a). Upon expulsion the volume of the high-pressure space (21) is furthermore enlarged when the tracer composition is pulled out thereof. These measures avoid steep pressure peaks in the march of pressure upon expulsion of the projectile. At the same time, approximately the entire projectile volume is available for a service charge.

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