Title (en)

SUBSONIC AMMUNITION FOR SMALL-BORE WEAPONS HAVING A NOVEL PROJECTILE

Title (de)

SUBSONISCHE MUNITION MIT EINEM NEUEN GESCHOSS FÜR KLEINKALIBERWAFFEN

Title (fr)

MUNITION SUBSONIQUE POUR ARMES DE PETIT CALIBRE AVEC NOUVEAU PROJECTILE

Publication

EP 0966649 A4 20000927 (EN)

Application

EP 98917954 A 19980316

Priority

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- US 88777497 A 19970703

Abstract (en)

[origin: WO9840690A2] Ammunition for a small-bore weapon operable in the semi-automatic or automatic mode. A round of the ammunition includes a combination of case (12), powder (28) and projectile (24) which enables the projectile to be propelled at subsonic velocity from the weapon to a target while generating sufficient energy to consistently operate the bolt of the weapon and which generates substantially no audible sound during its free flight through air. The projectile (24) of the ammunition is formed from a core (25) including multiple elements (40, 46), each of which is formed from a mixture of heavy metal powder and light metal powder that is densified under high pressure to provide enhanced density of the elements, hence of the core. These elements are incorporated into a light metal jacket (52) by high pressure. A method for the manufacture of the projectile is disclosed.

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F42B 5/00; F42B 12/74

IPC 8 full level

F42B 12/74 (2006.01)

CPC (source: EP)

F42B 12/74 (2013.01)

Citation (search report)

- [A] DE 3131265 C1 19830407 - HECKLER & KOCH GMBH
- [A] "Gesamtjahres Katalog 88/89", FRANKONIA, WÜRZBURG 1988/89, XP002143604
- See references of WO 9840690A2

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