

Title (en)
SOFT STEEL PROJECTILE.

Title (de)
GESCHOSSAUSWEICHSTAHL.

Title (fr)
PROJECTILE EN ACIER DOUX.

Publication
EP 0647308 A1 19950412 (EN)

Application
EP 93915073 A 19930623

Priority
• SE 9300563 W 19930623
• SE 9201967 A 19920625

Abstract (en)
[origin: WO9400730A1] Small arms projectile (1), intended primarily for use with rifle bores, produced from steel with a low carbon (C) content and preferably including tellurium (Te) to an amount of 0.02-0.04 % and lead (Pb) to an amount of 0.15-0.35 %, acting in combination to provide to the steel a high cutting capacity and a lubricant effect that is utilized to reduce the friction wear occurring as the projectile passes the bore. The projectile (1) comprises circumferentially applied grooves and lands (4) and in a specific embodiment a slanted shoulder (5) in the intermediate section between the torpedo section (2) and guide section (3), whereby a circular through hole with unrippled edges is punched through the target upon target shooting. The bullet comprises an anticorrosive coating, preferably electro-chemically applied.

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F42B 12/72; F42B 7/10

IPC 8 full level
F42B 12/72 (2006.01)

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See references of WO 9400730A1

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