

Title (en)
ARMOUR-PIERCING SHELL

Publication
EP 0069302 B1 19850918 (DE)

Application
EP 82105625 A 19820625

Priority
DE 3126399 A 19810704

Abstract (en)
[origin: US4677915A] A sub-caliber armor-piercing projectile exhibits for improving its penetration effect against a strongly inclined target surface a break-up in the region of a fracture zone of an expendable nose portion. The latter is provided at its point region with an arrangement which favors a sliding-off, which arrangement includes at least two frusto-conical surfaces which encompass the longitudinal projectile axis A and which surfaces are differently inclined with respect to the longitudinal axis of the projectile or include a sphere disposed in a spherical recess. The arrangement can be clad with a ballistic hood and can be provided in the region of the frusto-conical or the spherical surfaces with a lubricating medium. The fracture zone is constructed in such a way that when a deviating sliding-off of the arrangement occurs, as large as possible a twisting impulse is transferred under the main projectile portion in order to improve its penetration capability by means of a more favorable penetrating angle.

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F42B 13/08

IPC 8 full level
F42B 12/08 (2006.01)

CPC (source: EP US)
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