

Title (en)
OPTICALLY TRACKED PROJECTILE

Title (de)
OPTISCH VERFOLGTES GESCHOSS

Title (fr)
PROJECTILE À SUIVI OPTIQUE

Publication
EP 3559589 C0 20230607 (EN)

Application
EP 17886272 A 20171219

Priority
• US 201615386555 A 20161221
• US 2017067238 W 20171219

Abstract (en)
[origin: WO2018125661A2] A projectile, that can be tracked by optical means, is fitted with a special tracer incorporated into the projectile's trailing edge. The rearward facing special tracer is incorporated into a metal disk which is crimped to the projectile's metal jacket. The special tracer includes micro-prismatic features that reflect light at the incidence angle. Alternatively, the disk incorporates a fluorescent dye that is responsive to a laser emission. External emitted radiation is reflected or re-emitted from the trailing edge of the projectile, allowing for an external electro-optic tracking device to identify the position of the projectile in flight.

IPC 8 full level
F42B 5/02 (2006.01); **F42B 12/38** (2006.01); **F42B 12/78** (2006.01)

CPC (source: EP)
F42B 12/382 (2013.01); **F42B 12/387** (2013.01); **F42B 12/78** (2013.01)

Designated contracting state (EPC)
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Participating member state (EPC – UP)
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DOCDB simple family (publication)
WO 2018125661 A2 20180705; WO 2018125661 A3 20181004; EP 3559589 A2 20191030; EP 3559589 A4 20200826;
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