

Title (en)
Spin-stabilised projectile

Title (de)
Drallstabilisiertes Geschoss

Title (fr)
Projectile gyrostabilisé

Publication
EP 2578987 B1 20160914 (FR)

Application
EP 12186739 A 20120928

Priority
FR 1103013 A 20111003

Abstract (en)
[origin: EP2578987A1] The projectile (1) has a hollow body (3) formed with a cylindrical cup (5) corresponding to an internal cylindrical boring of the body. The cup is integral in rotation of the body, and comprises a rotational driving unit for sub-projectiles. The cup comprises a piston (7) at its rear end for sealing the cup, and is sealed by a warhead (2) at a front end and interdependent of a front body part of the projectile. A pyrotechnic charge (21) placed behind the piston is dimensioned so as to provide push on the piston, which pushes the cup and causes dissociation of the warhead and the body.

IPC 8 full level
F42B 12/62 (2006.01); **F42B 10/26** (2006.01)

CPC (source: EP)
F42B 12/62 (2013.01); **F42B 10/26** (2013.01)

Cited by
EP4008992A1; FR3116894A1; FR2998659A1; US9423226B2; WO2014080136A1; WO2021044065A1; FR3100610A1; US11650035B2

Designated contracting state (EPC)
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EP 2578987 A1 20130410; EP 2578987 B1 20160914; ES 2602153 T3 20170217; FR 2980843 A1 20130405; FR 2980843 B1 20140613

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