

Title (en)  
End course guided missile.

Title (de)  
Endphasengelenktes Geschoss.

Title (fr)  
Projectile à guidage en phase terminale.

Publication  
**EP 0331804 B1 19941019 (DE)**

Application  
**EP 88120227 A 19881203**

Priority  
DE 3807725 A 19880309

Abstract (en)  
[origin: US4917330A] A projectile for launching by a cannon or by a launcher is obtained by an expedient combination of features. An optical seeker has a gyro mounted on an air bearing and an optical detector. a Cassegrain system is arranged on the gyro as imaging optical system and scans a field of view with a gyrating scanning motion. At its tip, the projectile is closed by an optically transparent wedge, which is limited by planar surfaces. The optically transparent wedge carries a central spike. The projectile has tail stabilizing fins and steering by wings arranged near the center of gravity of the projectile. The wings are controlled by signals from the detector through signal processing means and an actuator system. The projectile is shaped make a continuous roll movement due to aerodynamic forces.

IPC 1-7  
**F41G 7/22**

IPC 8 full level  
**F41G 7/22** (2006.01)

CPC (source: EP US)  
**F41G 7/2213** (2013.01 - EP US); **F41G 7/222** (2013.01 - EP US); **F41G 7/2253** (2013.01 - EP US); **F41G 7/2293** (2013.01 - EP US)

Cited by  
FR2746494A1; FR2782554A1; DE102009029895A1; DE102009029895B4; US8354626B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0331804 A2 19890913**; **EP 0331804 A3 19910731**; **EP 0331804 B1 19941019**; DE 3807725 A1 19890921; DE 3851880 D1 19941124; US 4917330 A 19900417

DOCDB simple family (application)  
**EP 88120227 A 19881203**; DE 3807725 A 19880309; DE 3851880 T 19881203; US 31932389 A 19890303