

Title (en)

Device for the micro-control of fins for correcting the trajectory of a spin-stabilised projectile

Title (de)

Mikroleitwerkeinrichtung zur Veränderung der Flugrichtung eines rotationsstabilisierten Geschosses

Title (fr)

Dispositif de microgouverne pour la correction de trajectoire de munition stabilisée par rotation

Publication

EP 0872704 B1 20021211 (FR)

Application

EP 98400906 A 19980410

Priority

FR 9704603 A 19970415

Abstract (en)

[origin: EP0872704A1] The electronically activated microgovernor has flexible material spaced around an ogival section. The flexible material has piezo-electric slabs (10,11) held beneath it, and hinging around a point (12,13). Following munition deployment, the piezoelectric slabs are activated by an electronics circuit, producing a small movement and pushing out the flexible section (14,15) to produce a protruding section. The section roll stabilises the munition, so that the proximity fuze can operate.

IPC 1-7

F42B 10/62

IPC 8 full level

F42B 10/62 (2006.01)

CPC (source: EP)

F42B 10/62 (2013.01)

Cited by

EP1366339A4

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0872704 A1 19981021; EP 0872704 B1 20021211; DE 69809996 D1 20030123; DE 69809996 T2 20030821; FR 2762080 A1 19981016; FR 2762080 B1 19990702

DOCDB simple family (application)

EP 98400906 A 19980410; DE 69809996 T 19980410; FR 9704603 A 19970415