

Title (en)
SUBPROJECTILE WITH A TARGETING MEANS

Publication
EP 0274011 A3 19890906 (DE)

Application
EP 87114805 A 19871010

Priority
DE 3700342 A 19870108

Abstract (en)
[origin: US4805532A] A bomblet has a casing and a targeting device provided with a reflector swingably secured to the casing. The reflector has a position of rest in which it is situated within a cross-sectional outline of the casing and a working position in which it is in a deployed state externally of the casing. A first guide arm is articulated to the reflector to provide for a relative pivotal motion about a first pivotal axis, and to the casing to provide for a relative pivotal motion about a second pivotal axis. A second guide arm is articulated to the reflector to provide for a relative pivotal motion about a third pivotal axis, and to the casing to provide for a relative pivotal motion about a fourth pivotal axis. All the pivotal axes are parallel to and spaced from one another and are perpendicular to the central longitudinal axis of the bomblet. The guide arms guide the reflector in a swinging motion from the position of rest into the working position. The reflector has a center of gravity located, in the position of rest, offset from the longitudinal axis in a direction of the swinging motion, whereby, upon rotary motion of the bomblet, the reflector is moved by centrifugal forces from the position of rest into the working position. Further, a locking engagement is provided for immobilizing the reflector in the working position.

IPC 1-7
F42C 19/00

IPC 8 full level
F42B 10/54 (2006.01); **F42B 25/00** (2006.01); **F42B 30/00** (2006.01); **F42C 19/00** (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/28** (2006.01); **H01Q 15/16** (2006.01)

CPC (source: EP US)
F42B 30/006 (2013.01 - EP US); **H01Q 1/1235** (2013.01 - EP US); **H01Q 1/28** (2013.01 - EP US); **H01Q 15/161** (2013.01 - EP US)

Citation (search report)
• [AD] DE 3428051 A1 19860306 - LICENTIA GMBH [DE], et al
• [A] US 3665477 A 19720523 - BUDROW JACK C, et al
• [A] AM. INST.OF AERONATICS AND ASTRONATICS: "PROCEEDINGS OF THE 1967 NATIONAL TELEMETERING CONFERENCE AT SAN FRANCISCO" 18 Mai 1967, NEW YORK

Cited by
DE4200727A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0274011 A2 19880713; EP 0274011 A3 19890906; EP 0274011 B1 19920102; AT E71220 T1 19920115; DE 3700342 A1 19880728; DE 3700342 C2 19890706; DE 3775739 D1 19920213; IL 84710 A0 19880531; JP S63180100 A 19880725; US 4805532 A 19890221

DOCDB simple family (application)
EP 87114805 A 19871010; AT 87114805 T 19871010; DE 3700342 A 19870108; DE 3775739 T 19871010; IL 8471087 A 19871204; JP 31243087 A 19871211; US 14137688 A 19880107