

Title (en)

Projectile with an antenna for satellite navigation

Title (de)

Munitionsartikel mit Antenne für die Satellitennavigation

Title (fr)

Projectile comportant une antenne pour la navigation par satellite

Publication

**EP 1178279 A3 20030820 (DE)**

Application

**EP 01118654 A 20010803**

Priority

DE 10037886 A 20000803

Abstract (en)

[origin: EP1178279A2] The munition article (11) has a frustoconical round-slot antenna (18) arranged in the fuse tip (13). The antenna has a concentric annular hollow space (25) which opens to the peripheral surface (19) of the antenna with a slot (20) which is radially orientated with respect to the longitudinal axis (16) of the projectile.

IPC 1-7

**F42C 19/00**

IPC 8 full level

**F42B 30/00** (2006.01); **F42C 19/00** (2006.01); **H01Q 1/28** (2006.01); **H01Q 13/10** (2006.01)

CPC (source: EP US)

**F42B 30/006** (2013.01 - EP US); **F42C 19/00** (2013.01 - EP US); **H01Q 1/286** (2013.01 - EP US); **H01Q 13/10** (2013.01 - EP US)

Citation (search report)

- [XA] US 4371875 A 19830201 - KEYDEL WOLFGANG [DE]
- [A] US 3914767 A 19751021 - JONES JR HOWARD S
- [A] EP 0278070 A1 19880817 - BALL CORP [US]
- [PA] US 6098547 A 20000808 - WEST JAMES B [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1178279 A2 20020206**; **EP 1178279 A3 20030820**; **EP 1178279 B1 20041110**; DE 10037886 C1 20020502; DE 50104464 D1 20041216; SG 94852 A1 20030318; US 2002014998 A1 20020207; US 6473041 B2 20021029

DOCDB simple family (application)

**EP 01118654 A 20010803**; DE 10037886 A 20000803; DE 50104464 T 20010803; SG 200104087 A 20010710; US 91971901 A 20010801