

Title (en)

Non-lethal projectile with a programmable or settable fuse

Title (de)

Nicht letales Geschoss mit programmier- und/oder tempierbarem Zünder

Title (fr)

Projectile non-letal avec fusée programmable ou réglable

Publication

**EP 1742010 A1 20070110 (DE)**

Application

**EP 06009608 A 20060510**

Priority

DE 102005031749 A 20050707

Abstract (en)

A non-lethal weapons system (1) employs shells that explode over their target in response to a microwave radar transmission exploiting the Doppler effect. The signal is received in the shell where e.g. a foil chip or radio frequency identification chip trips the fuse. The non-lethal agent is e.g. dye, a chemical irritant, fog, or flash charge.

IPC 8 full level

**F42C 11/06** (2006.01)

CPC (source: EP)

**F42C 11/065** (2013.01)

Citation (applicant)

- EP 0918209 B1 20021218 - CONTRAVES AG [CH]
- EP 0467055 B1 19931027 - CONTRAVES AG [CH]
- EP 0992762 B1 20020306 - CONTRAVES AG [CH]

Citation (search report)

- [XY] WO 0167029 A2 20010913 - NEW MEXICO TECH RES FOUNDATION [US]
- [X] GB 1493104 A 19771123 - FERRANTI LTD
- [X] US 3688701 A 19720905 - KERN NEIL C
- [X] US 4633779 A 19870106 - BIGGS BRADLEY M [US], et al
- [Y] EP 0919783 A1 19990602 - GIAT IND SA [FR]
- [A] EP 0806625 A2 19971112 - BODENSEEWERK GERAETETECH [DE]
- [A] EP 0082445 A2 19830629 - BBC BROWN BOVERI & CIE [DE]

Cited by

WO2014045157A1; US9726447B2; US10928149B2; DE102007007404A1; WO2008098561A1; DE102007007403A1; WO2008098562A1; US8020491B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 06009608 A 20060510**; DE 102005031749 A 20050707