

Title (en)

System for launching active means, in particular the system's electronics

Title (de)

Wirkmittelwurfanlage mit Elektronik

Title (fr)

Installation de projection de moyens d'action, en particulier le système électronique de l'installation

Publication

EP 1816428 A1 20070808 (DE)

Application

EP 07001681 A 20070126

Priority

DE 102006004992 A 20060201

Abstract (en)

The electronic system (1) used for operating a casting device distributing objects such as tear gas cartridges is divided into two individual areas (2,3). The control unit (2) comprises the controllers (7) for communication and operation and is connected with bi-directional electric ducts (4) to the trigger unit (3) in order to initiate a single cast or a broadcast action as required. The trigger unit (3) is positioned close to the ammunition or even within the ammunition itself.

Abstract (de)

Es wird vorgeschlagen, dass das Gesamtsystem Elektronik (1) zur Zündung einer Munition aufgeteilt und in einer Bedieneinheit (2) und in wenigstens einer Auslöseeinheit (3) integriert wird. Die jeweilige Auslöseeinheit (3) beinhaltet dabei die Auslöseelektronik, in der die zum Zünden der Munition notwendige Energie aufgebaut wird und befindet sich bevorzugt in der Munition oder in unmittelbarer räumlicher Nähe zur Munition.

IPC 8 full level

F41A 19/68 (2006.01); **F41F 1/08** (2006.01); **F42B 5/155** (2006.01)

CPC (source: EP)

F41A 19/68 (2013.01); **F41F 1/08** (2013.01); **F42B 5/155** (2013.01)

Citation (applicant)

- DE 3706213 C2 19980409 - WEGMANN & CO GMBH [DE]
- DE 4338650 C1 19950202 - DAIMLER BENZ AG [DE]
- DE 10008198 A1 20010830 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- US 5291680 A 19940308 - SCHABDACH PAUL G [US], et al
- EP 1617163 A1 20060118 - GIAT IND SA [FR]
- US 5452640 A 19950926 - BOVEE STAN P [US], et al
- EP 0932014 A2 19990728 - LOCKHEED CORP [US]
- WO 2005005920 A1 20050120 - SPECIAL DEVICES INC [US]

Citation (search report)

- [X] US 5291680 A 19940308 - SCHABDACH PAUL G [US], et al
- [X] WO 2005005920 A1 20050120 - SPECIAL DEVICES INC [US]
- [X] EP 1617163 A1 20060118 - GIAT IND SA [FR]
- [X] US 5452640 A 19950926 - BOVEE STAN P [US], et al
- [X] EP 0932014 A2 19990728 - LOCKHEED CORP [US]

Cited by

EP2131138A3; US8225999B2; WO2009043419A1

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)

EP 1816428 A1 20070808; **EP 1816428 B1 20150603**; DE 102006004992 A1 20070802

DOCDB simple family (application)

EP 07001681 A 20070126; DE 102006004992 A 20060201