Title (en)
Launcher system for shooting non-lethal weapons from a vehicle, in particular a police or military vehicle

Title (de)
Wirkmittelwurfsystem zum Abschuss nicht-letaler Wirkmittel von einem Fahrzeug, insbesondere einem Polizei- oder Militärfahrzeug

Title (fr)
Système lanceur destiné à projeter un agent non létal d'un véhicule, notamment un véhicule de police ou militaire

Publication
EP 2219009 A3 20131016 (DE)

Application
EP 10152596 A 20100204

Priority
DE 102009009084 A 20090214

Abstract (en)
[origin: EP2219009A2] The system (1) has a launching device connected to a vehicle by a base block (1.1), a launch block (1.2) and a holding element (1.3). The launching device includes a launching pipe for weapon cartridges ignitable by firing pins. The pipe is detachably inserted in a support bearing. The bearing is detachably inserted in a firing device for formation of a throw module (2), where the firing device includes a firing pin ignition device and a munitions detection sensor. The firing device is connected to a base frame (5) for receiving the module. The frame is arranged on the blocks and the element.

IPC 8 full level
F42B 5/155 (2006.01); **F41A 23/34** (2006.01); **F42B 5/145** (2006.01)

CPC (source: EP)
F41A 23/34 (2013.01); **F42B 5/145** (2013.01); **F42B 5/155** (2013.01)

Citation (search report)
- [IY] US 2006027082 A1 20060209 - BRUNN MICHAEL [US]
- [Y] EP 0362523 A1 19900411 - NICO PYROTECHNIK [DE]
- [Y] DE 3822255 A1 19900104 - WEGMANN & CO [DE]
- [A] EP 0525304 A1 19930203 - BUCK CHEM TECH WERKE [DE]
- [A] EP 1816427 A1 20070808 - RHEINMETALL WAFFE MUNITION [DE]
- [A] EP 0375922 A2 19900704 - WEGMANN & CO [DE]

Cited by
EP4372306A1; US9677852B2; WO2013183047A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2219009 A2 20100818; **EP 2219009 A3 20131016**; DE 102009009084 A1 20100819

DOCDB simple family (application)
EP 10152596 A 20100204; DE 102009009084 A 20090214