

Title (en)
Disc shaped projectile with non-lethal agent

Title (de)
Scheibenförmiger Wurfkörper mit nichtletalen Wirkmitteln

Title (fr)
Projectile en forme de disque avec agent non létale

Publication
EP 0860683 A3 19981125 (DE)

Application
EP 98101780 A 19980203

Priority
DE 19706632 A 19970220

Abstract (en)
[origin: EP0860683A2] The throwing body is formed as a disc (1) with a hollow space (2) or the effective medium (5,6). The hollow space has on the disc periphery a covered outlet (3,4) for the effective medium. The discs, either individually or multiply, are arranged in a launcher (7) for ejection with both a rotary (12) and a forward (13) movement. A force (10) engaging the effective medium acts eccentrically to the disc for its rotary and forward movements. The force is adjustable in respect of its extent and or direction. a pressure spring (11) is used for the application of the acceleration force for th rotary and or forward movement. The effective medium can be an irritant gas, a pepper aerosol, pepper dust, a catchment net (5), provided with slinging weights (6), and an immobilisation component.

IPC 1-7
F42B 12/66; **F42B 12/46**

IPC 8 full level
F41H 13/00 (2006.01); **F42B 12/66** (2006.01)

CPC (source: EP)
F41H 13/0006 (2013.01); **F42B 12/66** (2013.01)

Citation (search report)

- [Y] US 3980023 A 19760914 - MISEVICH KENNETH W
- [Y] US 3646888 A 19720307 - POSSON PHILIP LYNN, et al
- [A] DE 1814604 A1 19691030 - FMC CORP
- [A] US 4425834 A 19840117 - LOHMANN ARTHUR M [US]
- [A] FR 491489 A 19190604 - ALFREDO CARRERAS [IT]
- [A] DE 4000902 A1 19910718 - DIEHL GMBH & CO [DE]
- [A] FR 863138 A 19410324
- [A] EP 0710813 A1 19960508 - DAIMLER BENZ AEROSPACE AG [DE]
- [A] US 3803463 A 19740409 - COVER J
- [A] DE 3522661 A1 19870108 - NORBUTAT GERHARD
- [A] FR 45377 E 19350726
- [A] CH 396702 A 19650731 - PFEUTI JEAN [CH]
- [A] GB 2090950 A 19820721 - AVCO CORP
- [A] US 3951070 A 19760420 - FLATAU ABRAHAM, et al
- [A] GB 2166225 A 19860430 - HALL LESLIE CHARLES, et al

Cited by
WO2014045157A1; EP0872701A3; US6997110B2; GB2611336A; GB2611336B; EP2898285A4; US2017356707A1; US9726447B2; US10928149B2; EP2898285B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0860683 A2 19980826; **EP 0860683 A3 19981125**; DE 19706632 A1 19980903

DOCDB simple family (application)
EP 98101780 A 19980203; DE 19706632 A 19970220