

Title (en)
Self defense device.

Title (de)
Gerät zur Selbstverteidigung.

Title (fr)
Dispositif d'autodéfense.

Publication
EP 0077945 A1 19830504 (DE)

Application
EP 82109268 A 19821007

Priority
DE 3141845 A 19811022

Abstract (en)
1. A self defense device with a case (10) camouflaged as article of daily use which surrounds a chamber (34) receiving a gas container (36) which contains a spray medium under pressure and is provided with a movable spray head (38) having an outlet nozzle (40) for the spray medium as well as an actuating appliance (48) for a relative displacement of the spray head (38) towards the gas container (36), with the case (10) being provided with an opening for the spray jet penetrating from the outlet nozzle (40) and with a key for camouflage purposes, characterized in that the case (10) has the form of a box for keys and is provided with a second chamber (58) built to take keys for the key and that the actuating appliance (48) is situated at the case and is accessible from outside, the actuating appliance consisting of a bar (48) arranged inside the case (10) movably and at right angles to the longitudinal axis of the gas container (36), the bar having an inclined actuating ramp (50) for the relative movement of the spray head (38) towards the gas container (36).

Abstract (de)
Ein Gerät zur Selbstverteidigung besteht aus einer Schlüsselbox, in der ein Sprühgasbehälter 36 untergebracht ist. Das Gehäuse 10 der Schlüsselbox hat eine Aufnahmekammer 58 für ein Schlüsselbund. Die Schlüsselbox ist ein functionsfähiger Gebrauchsgegenstand, der zusätzlich als Verteidigungswaffe eingesetzt werden kann.

IPC 1-7
F41H 9/00

IPC 8 full level
F21V 33/00 (2006.01); **F41H 9/00** (2006.01); **F41H 9/10** (2006.01)

CPC (source: EP)
F21V 33/0004 (2013.01); **F21V 33/0064** (2013.01); **F41H 9/10** (2013.01)

Citation (search report)
• [Y] FR 2354728 A1 19780113 - LEBELLE PIERRE [FR]
• [Y] US 4220263 A 19800902 - CARUSO ALBERT P [US]
• [Y] US 2278870 A 19420407 - FLAGG WESLEY W
• [A] US 3109253 A 19631105 - SAUL EIG
• [A] FR 2480012 A3 19811009 - LEIGH SMITH CHRISTOPHER [FR]
• [A] FR 405295 A 19091224 - ERNEST DERMINE [FR]
• [A] US 4153927 A 19790508 - OWENS OSSIE E

Cited by
DE19500011A1; DE19741516C1; US4716402A; DE9409133U1; DE4445987C1; US5941629A; EP0903557A2

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0077945 A1 19830504; **EP 0077945 B1 19870624**; AR 227994 A1 19821230; AT E27998 T1 19870715; AU 8888582 A 19830428; BR 8206152 A 19830920; DE 3141845 A1 19830511; DE 3141845 C2 19830908; DK 467282 A 19830423; GR 78397 B 19840927; PT 75710 A 19821101; PT 75710 B 19841205; YU 229782 A 19850430; ZA 827244 B 19830831

DOCDB simple family (application)
EP 82109268 A 19821007; AR 29103282 A 19821020; AT 82109268 T 19821007; AU 8888582 A 19820930; BR 8206152 A 19821021; DE 3141845 A 19811022; DK 467282 A 19821021; GR 820169581 A 19821019; PT 7571082 A 19821021; YU 229782 A 19821012; ZA 827244 A 19821004