

Title (en)

CATCH DEVICE FOR AMMUNITION CASINGS AND/OR BELT LINKS

Title (de)

FANGVORRICHTUNG FÜR MUNITIONSHÜLSEN UND/ODER VERBINDER

Title (fr)

DISPOSITIF DE RECUPERATION D'ETUIS DE MUNITIONS ET/OU DE MAILLONS

Publication

EP 2494302 B1 20170809 (DE)

Application

EP 10767943 A 20101012

Priority

- DE 102009051064 A 20091028
- EP 2010006231 W 20101012

Abstract (en)

[origin: CA2774752A1] The invention relates to a catching device (5) and a catching receptacle (3) cooperating therewith, to be attached laterally to a weapon station (1), for example. In a preferred embodiment, the catching receptacle (3) is arranged separately and either adjacent to or behind the weapon station (1). After firing, the empty shell and/or the belt links and/or the connector elements (8) are guided toward the lateral catching device and from there into the catching receptacle (3). Due to the special design of the catching device, the guidance is preferably done by sliding the parts (8) along the rear wall (5.3) of the device (5).

IPC 8 full level

F41A 9/60 (2006.01)

CPC (source: EP)

F41A 9/60 (2013.01); **F41A 9/81** (2013.01)

Citation (opposition)

Opponent : Krauss-Maffei Wegmann GmbH & Co. KG

- FR 2714158 A1 19950623 - GIAT IND SA [FR]
- US 2321142 A 19430608 - HORNCastle THOMAS E
- US 7543524 B1 20090609 - JAVORSKY DAVID M [US]
- US 2149522 A 19390307 - HABERLIN JOHN F
- FR 2613235 A1 19881007 - FRANCE ETAT ARMEMENT [FR]
- CA 2200922 A1 19980925 - CANADA MINISTER DEFENCE [CA]
- DE 10237688 B4 20041028 - BUNDESREP DEUTSCHLAND [DE]
- CH 526086 A 19720731 - OERLIKON BUEHRLE AG [CH]
- DE 10207233 A1 20030904 - RHEINMETALL W & M GMBH [DE]
- EP 1985960 A1 20081029 - NEXTER SYSTEMS [FR]
- US 1483987 A 19240219 - ROCKWELL HUGH M
- US 5138787 A 19920818 - RIDDLE RONALD E [US], et al
- US 2445853 A 19480727 - HUEY HOMER D, et al
- US 4594803 A 19860617 - MUNCY FLOYD B [US]
- US 2182868 A 19391212 - HABERLIN JOHN F
- CH 696252 A5 20070228 - CONTRAVES AG [CH]
- US 4020738 A 19770503 - MARTINEZ JAVIER A
- DE 4439314 C1 19960125 - MENHOFER LEO [DE]
- US 2323430 A 19430706 - TROTTER JOHN C
- EP 0346790 A2 19891220 - LUCAS IND PLC [GB]
- AT 491 U1 19951127 - HAAGER VOLKER [AT]
- US 2003221355 A1 20031204 - CASTALDO NICHOLAS BEN [US]
- US 4166333 A 19790904 - KRATZER ERICH E F [AU]
- DE 733660 C 19430331 - WALTER BLUME DIPL ING
- GB 459014 A 19361231 - JOSEPH BERNARD ANTOINE DE BOYS
- US 1337327 A 19200420 - ROCKWELL HUGH M
- DE 7907842 U1 19790621
- CH 679803 A5 19920415 - XAVER MEIER
- GB 752178 A 19560704 - BOFORS AB
- US 4638715 A 19870127 - LEBLANC RICHARD S [US]
- US 7258055 B1 20070821 - JAVORSKY DAVID [US]
- GB 703320 A 19540203 - DESMOND WALTER MOLINS, et al
- US 3011408 A 19611205 - BROTHERS JR WILLIAM W, et al
- DE 965684 C 19570613 - BREVETS AERO MECANIKES
- DE 4300867 A1 19930722 - YOUNG FREDERICK [AT]
- US 7168200 B2 20070130 - PEREZ KENNETH [US], et al
- US 5651208 A 19970729 - BENSON PHILLIP DEAN [US]
- US 5398439 A 19950321 - HARLESS CLYDE R [US]
- US 2354277 A 19440725 - RICHARDSON EDWARD E
- GB 466310 A 19370526 - ROBERT PILAIN
- GB 137458 A 19200115 - PHIROZESHAW MUNCHERJI MEHTA
- GB 746515 A 19560314 - BREVETS AERO MECANIKES
- NL 1017188 C1 20020725 - LUTGENS JAN [NL]
- US 6173520 B1 20010116 - BUCCIARELLI BRIAN [US], et al
- DE 1828655 U 19610323 - KELLER & KNAPPICH GMBH [DE]
- GB 843971 A 19600810 - HAWKER AIRCRAFT LTD
- US 5811716 A 19980922 - ELLZEY ANDRE M [US]
- EP 0918203 A2 19990526 - GAUCHIA BELTRAN EMILIO [ES]
- US 1027509 A 19120528 - SMILEY LEWIS R [US]

- GB 126709 A 19190522 - VICKERS LTD [GB], et al
- US 3153981 A 19641027 - BRASS WILLIAM D
- US 4110927 A 19780905 - MORRIS JACK LEROY
- US 6354035 B1 20020312 - NIEBUHR ROBERT EDWARD [US], et al
- JP 3020170 B1 20000315
- US 2559714 A 19510710 - DUPLESSIS RENE E
- US 2493945 A 19500110 - COCKS RUSSELL H, et al

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102009051064 A1 20110505; DE 102009051064 B4 20220922; CA 2774752 A1 20110505; CA 2774752 C 20170801;
EP 2494302 A1 20120905; EP 2494302 B1 20170809; ES 2644276 T3 20171128; PL 2494302 T3 20180330; WO 2011050905 A1 20110505

DOCDB simple family (application)

DE 102009051064 A 20091028; CA 2774752 A 20101012; EP 10767943 A 20101012; EP 2010006231 W 20101012; ES 10767943 T 20101012;
PL 10767943 T 20101012