

Title (en)
ADAPTER

Title (de)
ADAPTER

Title (fr)
ADAPTATEUR

Publication
EP 2631589 A4 20170111 (EN)

Application
EP 10858571 A 20101021

Priority
ES 2010070678 W 20101021

Abstract (en)
[origin: US2013180143A1] Adapter device (13) installable on a portable long firearm (11) in which a cartridge storage element (12) can be inserted; where the adapter device (13) has a hollow rectangular parallelepiped shape, open at both its top and its bottom, and comprises some first mechanical means (21-1, 21-2) externally distributed on the short sides of the adapter device for mechanically assembling it on the mouthpiece of the portable gun magazine; it also comprises some second mechanical means (41) to receive the cartridge storage element.

IPC 8 full level
F41A 9/71 (2006.01); **F41A 9/62** (2006.01); **F41A 11/02** (2006.01); **F41A 19/01** (2006.01); **F41C 23/16** (2006.01)

CPC (source: EP KR US)
F41A 9/62 (2013.01 - KR US); **F41A 9/71** (2013.01 - EP US); **F41A 11/02** (2013.01 - EP US); **F41A 35/00** (2013.01 - KR); **F41C 23/16** (2013.01 - KR); **F41C 27/00** (2013.01 - KR)

Citation (search report)

- [E] WO 2011044169 A1 20110414 - COLT DEFENSE LLC [US], et al
- [XY] US 7562482 B1 20090721 - JOHNSON DAVID A [US]
- [YA] US 2007107592 A1 20070517 - SNOW MICHAEL R [US]
- [A] US 5253442 A 19931019 - KIM JIN-TAEK [KR]
- [A] US 3603020 A 19710907 - WIESE HAROLD H
- [A] US 4169329 A 19791002 - ATCHISSON MAXWELL G [US]
- [A] US 5566488 A 19961022 - YAP EDWIN Y [US]
- [A] WO 0029802 A2 20000525 - COLT S MFG CO [US]
- See references of WO 2012052574A1

Cited by
US9964370B2

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)
US 2013180143 A1 20130718; CA 2815496 A1 20120426; CN 103250022 A 20130814; EP 2631589 A1 20130828; EP 2631589 A4 20170111; EP 2631589 B1 20190313; IL 225828 A0 20130627; KR 20130121849 A 20131106; SG 189486 A1 20130531; WO 2012052574 A1 20120426

DOCDB simple family (application)
US 73727210 A 20101021; CA 2815496 A 20101021; CN 201080069767 A 20101021; EP 10858571 A 20101021; ES 2010070678 W 20101021; IL 22582813 A 20130418; KR 20137012821 A 20101021; SG 2013030119 A 20101021