

Title (en)
BARRELED FIREARM, IN PARTICULAR PISTOL, HAVING A RECOIL DAMPER

Title (de)
ROHRWAFFE, INSBESONDERE PISTOLE, MIT RÜCKSTOßDÄMPFER

Title (fr)
ARME À CANON, EN PARTICULIER PISTOLET, COMPRENANT UN AMORTISSEUR DE RECUL

Publication
EP 3488172 A1 20190529 (DE)

Application
EP 17739524 A 20170704

Priority
• DE 102016009046 A 20160725
• DE 102016009185 A 20160726
• EP 2017066603 W 20170704

Abstract (en)
[origin: WO2018019523A1] The invention relates to a barreled firearm (1), which has a mass-locked breechblock (2) and a recoil-damping element, which is connected on one side to a frame assembly (9) and on the other side to a barrel assembly (13/1, 13, 13/2), which has a barrel (13). In the case of the barreled firearm (1), which in particular can be a pistol, a housing part (13/1) of the barrel assembly is mounted in the frame assembly (9) in an axially slidable manner and * either a support element (13/2) stationary relative to the barrel (13) is mounted in a breechblock housing (17) or in the frame assembly (9) in an axially slidable manner * or a support element (13/2) stationary relative to the frame assembly (9) is mounted in a breechblock housing (17) in an axially slidable manner, wherein the breechblock housing (17) is guided by the frame assembly (9) in an axially slidable manner and the breechblock housing (17) is supported by the support element (13/2) by means of a spring element (10b). By means of this design, the recoil arising when a shot is fired can be absorbed and in any case significantly reduced in such a barreled firearm, in particular a handgun, especially a pistol. This makes shooting with the firearm more pleasant for the shooter, enables faster precise shooting (precision shots with higher rate of fire), and helps to avoid shooting errors.

IPC 8 full level
F41A 3/80 (2006.01); **F41A 3/84** (2006.01); **F41A 3/86** (2006.01); **F41A 5/02** (2006.01); **F41A 5/04** (2006.01); **F41A 25/02** (2006.01); **F41A 25/06** (2006.01); **F41A 25/14** (2006.01)

CPC (source: EP US)
F41A 3/80 (2013.01 - EP US); **F41A 3/84** (2013.01 - EP US); **F41A 3/86** (2013.01 - EP US); **F41A 3/94** (2013.01 - US); **F41A 5/02** (2013.01 - EP US); **F41A 5/04** (2013.01 - EP US); **F41A 5/10** (2013.01 - US); **F41A 25/02** (2013.01 - EP US); **F41A 25/06** (2013.01 - EP US); **F41A 25/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2018019523A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018019523 A1 20180201; EP 3488172 A1 20190529; EP 3488172 B1 20220427; US 11187478 B2 20211130; US 2019234698 A1 20190801

DOCDB simple family (application)
EP 2017066603 W 20170704; EP 17739524 A 20170704; US 201716320330 A 20170704