

Title (en)
RECOIL ABSORBING FIREARM

Title (de)
RÜCKSTOß ABSORBIERENDE SCHUSSWAFFE

Title (fr)
ARME À FEU ABSORBANT LE REcul

Publication
EP 2082182 B1 20110720 (DE)

Application
EP 07817389 A 20071024

Priority
• CZ 2007000093 W 20071024
• CZ 2006677 A 20061025

Abstract (en)
[origin: WO2008049378A1] A firearm formed by a housing, in which an assembly of a carriage und a barrel with a muzzle stop, and a breech are displaceably supported, wherein the breech is equipped with a return spring that is supported on the rear support surface of the housing, has a counter weight (6) displaceably disposed in an oblong space located between the housing (1) and the carriage (2), on the support surface of which counter weight the rear end of the return spring (7) is supported, and which is seated in the front position thereof on a front stop surface (19) of the carriage (2). The breech (5) is seated in the rear position thereof on a rear stop surface (17) of the carriage (2), the return spring (7) is also supported on a front support surface (13) of the housing (1) at the front end in the front position of the breech (5), and a transfer element protrudes into the path of the breech (5), the transfer element being simultaneously supported on the carriage (2) and on the counter weight (6), and in the outer position thereof pushing the counter weight (6) against a front stop surface (19) of the carriage (2).

IPC 8 full level
F41A 3/54 (2006.01); **F41A 5/10** (2006.01); **F41A 25/12** (2006.01)

CPC (source: EP US)
F41A 3/54 (2013.01 - EP US); **F41A 5/10** (2013.01 - EP US); **F41A 25/12** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
RS

DOCDB simple family (publication)
WO 2008049378 A1 20080502; WO 2008049378 B1 20080724; AT E517305 T1 20110815; CZ 2006677 A3 20080507; CZ 300114 B6 20090211; EP 2082182 A1 20090729; EP 2082182 B1 20110720; RU 2009118185 A 20101127; RU 2410623 C1 20110127; UA 95118 C2 20110711; US 2010088942 A1 20100415; US 8074391 B2 20111213

DOCDB simple family (application)
CZ 2007000093 W 20071024; AT 07817389 T 20071024; CZ 2006677 A 20061025; EP 07817389 A 20071024; RU 2009118185 A 20071024; UA A200903985 A 20071024; US 44549707 A 20071024