

Title (en)
APPARATUS FOR RELEASING A FIRING PIN

Title (de)
VORRICHTUNG ZUR AUSLÖSUNG EINES SCHLAGBOLZENS

Title (fr)
DISPOSITIF POUR DÉCLENCHER UN PERCUTEUR

Publication
EP 2049863 A1 20090422 (DE)

Application
EP 07765210 A 20070718

Priority
• EP 2007006340 W 20070718
• DE 102006037306 A 20060808

Abstract (en)
[origin: WO2008017366A1] It is proposed that the firing pin (11) which is integrated in the breech (2) be operated by means of a release mechanism (15) which is located adjacent to the breech (2) or the weapon barrel (5), preferably adjacent to a breech ring (6), which can rotate. The firing pin (11), which is cocked by a spring (12), is in this case held in a cocked position or released by means of a lateral bolt (13). A safety pin (14) engages in or acts on the lateral bolt (13) and is forced back from the lateral bolt (13) by the release mechanism (15) at the latest when the breech (2) is functionally connected to the weapon barrel (5) such that the firing pin (11) together with the firing initiator (10) initiates the firing of ammunition (3). Further means (6.2) are used to cock the firing pin again, thus permitting the lateral bolt (13) to reengage in front of the firing pin (11), in order to hold the firing pin (11) in its cocked position.

IPC 8 full level
F41A 3/28 (2006.01); **F41A 19/32** (2006.01)

CPC (source: EP)
F41A 3/28 (2013.01); **F41A 19/32** (2013.01)

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)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006037306 A1 20080214; **DE 102006037306 B4 20091203**; AT E549591 T1 20120315; EP 2049863 A1 20090422;
EP 2049863 B1 20120314; WO 2008017366 A1 20080214

DOCDB simple family (application)
DE 102006037306 A 20060808; AT 07765210 T 20070718; EP 07765210 A 20070718; EP 2007006340 W 20070718