

Title (en)  
BOLT DRIVE FOR A FIREARM

Title (de)  
VERSCHLUSSANTRIEB FÜR EINE WAFFE

Title (fr)  
ENTRAÎNEMENT DE CULASSE POUR ARME

Publication  
**EP 2507576 A1 20121010 (DE)**

Application  
**EP 10779468 A 20101105**

Priority  
• DE 102009056735 A 20091204  
• EP 2010006751 W 20101105

Abstract (en)  
[origin: WO2011066894A1] The invention relates to a breech ammunition drive for the breech (2.1) of a weapon (1) using an external drive (11). A long connecting rod (7) and a short connecting rod (8) are integrated in the drive (5) and functionally connected to same. The long connecting rod (7) is used to convert the rotational movement into a linear breech movement, and the short connecting rod (8) is used to actually move the breech (2.1) or the breech support (2). The rear end or pin of the long connecting rod (7) is fixed on or in the drive (5), and the front end of said connecting rod engages onto a rack (10) that is fixed to the weapon and onto a slider (12) of the breech support (2) or the breech (2.1) via a toothing (9). The short connecting rod (8) is retained in the slider (12) and guided by same, and said connecting rod engages into a transverse slot (13) introduced above the connecting rod (8) and below the breech support (2). Furthermore, the short connecting rod (8) is guided in the slot (14) fixed to the weapon, said slot having a rear end point (14.1) into which the connecting rod (8) is inserted.

IPC 8 full level  
**F41A 7/08** (2006.01)

CPC (source: EP US)  
**F41A 7/08** (2013.01 - EP US); **F41A 9/50** (2013.01 - EP US); **F41A 9/51** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011066894A1

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 102009056735 A1 20110609**; EP 2507576 A1 20121010; EP 2507576 B1 20131023; ES 2441166 T3 20140203;  
US 2012318127 A1 20121220; US 8726779 B2 20140520; WO 2011066894 A1 20110609; WO 2011066894 A9 20120405

DOCDB simple family (application)  
**DE 102009056735 A 20091204**; EP 10779468 A 20101105; EP 2010006751 W 20101105; ES 10779468 T 20101105;  
US 201213486554 A 20120601