

Title (en)  
MOUNTING OF A GAS PISTON IN A WEAPON SYSTEM

Title (de)  
LAGERUNG EINES GASKOLBENS IN EINEM WAFFENSYSTEM

Title (fr)  
MONTAGE D'UN PISTON À GAZ DANS UN SYSTÈME D'ARME

Publication  
**EP 2972050 A1 20160120 (DE)**

Application  
**EP 14708553 A 20140310**

Priority  
• DE 102013004107 A 20130311  
• EP 2014054516 W 20140310

Abstract (en)  
[origin: WO2014139905A1] A weapon system (10) is proposed, comprising a weapon barrel (2) and a breech mechanism (7), which is guided in a weapon housing (3) and is moved by way of at least one gas piston (4) and a return spring device (13), which structurally adjoins and interacts with the gas piston (4). In this system there are gas channels (14) between the weapon barrel (2) and the gas piston (4). To achieve the effect that a load change can be absorbed better by the return springs (5), it is provided that the gas piston (4) is now mounted on or in the weapon barrel (2) and only the return spring device (13) is integrated in the weapon housing (1).

IPC 8 full level  
**F41A 5/24** (2006.01); **F41A 5/22** (2006.01)

CPC (source: EP)  
**F41A 5/22** (2013.01); **F41A 5/24** (2013.01)

Citation (search report)  
See references of WO 2014139905A1

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)  
**DE 102013004107 A1 20140911**; DK 2972050 T3 20180522; EP 2972050 A1 20160120; EP 2972050 B1 20180221; ES 2667170 T3 20180509; HU E037572 T2 20180928; LT 2972050 T 20180410; NO 3062830 T3 20180505; PL 2972050 T3 20180731; PT 2972050 T 20180302; WO 2014139905 A1 20140918

DOCDB simple family (application)  
**DE 102013004107 A 20130311**; DK 14708553 T 20140310; EP 14708553 A 20140310; EP 2014054516 W 20140310; ES 14708553 T 20140310; HU E14708553 A 20140310; LT 14708553 T 20140310; NO 14793503 A 20141030; PL 14708553 T 20140310; PT 14708553 T 20140310