

Title (en)  
MODULAR WEAPON

Title (de)  
MODULARE WAFFE

Title (fr)  
ARME MODULAIRE

Publication  
**EP 3320299 B1 20240403 (DE)**

Application  
**EP 16736100 A 20160705**

Priority  
• DE 102015008795 A 20150710  
• DE 102015121771 A 20151214  
• EP 2016065873 W 20160705

Abstract (en)  
[origin: CA2991485A1] The aim of the invention is to devise a weapon (100) which has a completely modular design. For this purpose, the weapon (100) is subdivided into weapon-specific assemblies which are designed as carrier units of the components and/or of the modular assemblies of the weapon (100). A first assembly can be in the form of a modular weapon housing (3). Said weapon housing (3) consists of a carrier unit into which a breech system of the weapon (100) and its components are installed. Another modular assembly is in the form of a weapon cradle (2). The weapon housing (3) module with the breech system is integrated into said modular assembly. The weapon housing (3) module can be complemented with the barrel module. Another modular assembly, a weapon drive (1), is connected to the weapon cradle (2). The components are mechanically connected to the modular assemblies, and the modular assemblies are mechanically connected to each other, by rails and guides (15.1, 21.1) as well as complementary rails and guides (3.1, 3.2) for the assemblies (3), by ties (31) and holders (33), by pins (33, 34), bolts (31.1, 2.6) and quick release fasteners (22,.2).

IPC 8 full level  
**F41F 1/08** (2006.01); **F41A 3/44** (2006.01); **F41A 7/00** (2006.01); **F41A 11/02** (2006.01); **F41A 17/30** (2006.01); **F41A 17/58** (2006.01); **F41A 17/76** (2006.01); **F41A 19/18** (2006.01); **F41A 19/47** (2006.01); **F41A 21/06** (2006.01); **F41A 25/12** (2006.01); **F41A 25/22** (2006.01); **F41A 25/26** (2006.01)

CPC (source: EP KR US)  
**F41A 3/44** (2013.01 - EP US); **F41A 7/08** (2013.01 - EP US); **F41A 11/02** (2013.01 - EP KR US); **F41A 17/30** (2013.01 - EP KR US); **F41A 17/58** (2013.01 - EP KR US); **F41A 17/76** (2013.01 - EP KR US); **F41A 19/18** (2013.01 - EP KR US); **F41A 19/47** (2013.01 - EP KR US); **F41A 21/06** (2013.01 - EP KR US); **F41A 25/12** (2013.01 - EP KR US); **F41A 25/22** (2013.01 - EP KR US); **F41A 25/26** (2013.01 - EP KR US); **F41F 1/08** (2013.01 - EP KR US); **F41A 7/00** (2013.01 - EP US)

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 102015017135 A1 20170112**; **DE 102015017135 B4 20230803**; CA 2991485 A1 20170119; CA 2991485 C 20230822; CN 107850416 A 20180327; CN 107850416 B 20201229; DE 102015121771 A1 20170112; EP 3320299 A2 20180516; EP 3320299 B1 20240403; KR 102364948 B1 20220217; KR 20180034472 A 20180404; US 10591241 B2 20200317; US 10739102 B2 20200811; US 2018231344 A1 20180816; US 2019107356 A1 20190411; WO 2017009118 A2 20170119; WO 2017009118 A3 20170420

DOCDB simple family (application)  
**DE 102015017135 A 20151214**; CA 2991485 A 20160705; CN 201680040852 A 20160705; DE 102015121771 A 20151214; EP 16736100 A 20160705; EP 2016065873 W 20160705; KR 20187003471 A 20160705; US 201815867545 A 20180110; US 201816217667 A 20181212