

Title (en)  
GRENADE LAUNCHER

Title (de)  
GRANATWERFER

Title (fr)  
LANCE-GRENADES

Publication  
**EP 3847410 A4 20220105 (EN)**

Application  
**EP 19884535 A 20190903**

Priority  
• TR 201812565 A 20180904  
• TR 2019050720 W 20190903

Abstract (en)  
[origin: WO2020101611A2] The invention relates to a grenade launcher that can be loaded and unloaded from both sides, prevents sag during these loading/unloading, fully covers the ammunition so that shooters are safe while shooting and avoids potential drop of ammunition when loading.

IPC 8 full level  
**F41A 3/58** (2006.01); **F41A 9/58** (2006.01); **F41A 11/00** (2006.01); **F41A 11/02** (2006.01); **F41A 15/18** (2006.01); **F41A 21/48** (2006.01); **F41A 35/06** (2006.01); **F41C 7/02** (2006.01); **F41C 27/06** (2006.01)

CPC (source: EP RU US)  
**F41A 3/04** (2013.01 - EP US); **F41A 9/58** (2013.01 - EP); **F41A 11/02** (2013.01 - EP); **F41A 15/18** (2013.01 - EP); **F41A 35/06** (2013.01 - EP); **F41C 7/025** (2013.01 - EP); **F41C 27/06** (2013.01 - EP RU); **F41F 1/00** (2013.01 - EP US); **F42B 30/04** (2013.01 - EP)

Citation (search report)  
• [YA] US 2007068057 A1 20070329 - MACALUSO TONY [BE]  
• [Y] US 2952933 A 19600920 - STEVENS BRUCE W  
• [A] US 2016153744 A1 20160602 - TEETZEL JAMES W [US], et al  
• See references of WO 2020101611A2

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)  
**WO 2020101611 A2 20200522**; **WO 2020101611 A3 20210218**; EP 3847410 A2 20210714; EP 3847410 A4 20220105; RU 2770710 C1 20220421; TR 201812565 A2 20180921; US 2021318084 A1 20211014

DOCDB simple family (application)  
**TR 2019050720 W 20190903**; EP 19884535 A 20190903; RU 2021107617 A 20190903; TR 201812565 A 20180904; US 201917272395 A 20190903