

Title (en)  
FIREARM WITH CARTRIDGE

Title (de)  
SCHUSSWAFFE MIT PATRONE

Title (fr)  
ARME À FEU MUNIE D'UNE CARTOUCHE

Publication  
**EP 4208685 A1 20230712 (DE)**

Application  
**EP 21709668 A 20210302**

Priority  
• AT 507482020 A 20200902  
• EP 2021055196 W 20210302

Abstract (en)  
[origin: US2022065578A1] A firearm with a cartridge has a barrel with an inside surface, a barrel length that is measured starting from a chamber to a barrel muzzle, and a barrel shaft, wherein the cartridge has a single, sabot-free projectile with a peripheral surface. A gap that is open end-to-end in the direction of the barrel shaft is present along at least 90% of the barrel length and over at least 90% of the circumference of the projectile between the peripheral surface of the projectile and the inside surface of the barrel.

IPC 8 full level  
**F41A 21/00** (2006.01); **F42B 14/00** (2006.01)

CPC (source: AT EP IL US)  
**F41A 15/14** (2013.01 - IL US); **F41A 21/00** (2013.01 - EP IL); **F41A 21/12** (2013.01 - IL US); **F41A 21/16** (2013.01 - AT);  
**F42B 5/025** (2013.01 - AT); **F42B 7/10** (2013.01 - AT); **F42B 14/00** (2013.01 - EP IL); **F41A 21/46** (2013.01 - AT); **F42B 10/26** (2013.01 - AT)

Citation (search report)  
See references of WO 2022048798A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**US 2022065578 A1 20220303**; AT 523170 A4 20210615; AT 523170 B1 20210615; AU 2021335240 A1 20230323; AU 2021335240 A8 20230511; BR 112023002505 A2 20230404; CA 3189145 A1 20220310; EP 4208685 A1 20230712; IL 301054 A 20230501; JP 2023539621 A 20230915; WO 2022048798 A1 20220310

DOCDB simple family (application)  
**US 202117186722 A 20210226**; AT 507482020 A 20200902; AU 2021335240 A 20210302; BR 112023002505 A 20210302; CA 3189145 A 20210302; EP 2021055196 W 20210302; EP 21709668 A 20210302; IL 30105423 A 20230301; JP 2023513675 A 20210302