

Title (en)
SHORT PROJECTILE PISTOL

Title (de)
KURZGESCHOSSPISTOLE

Title (fr)
PISTOLET COURT À PROJECTILE

Publication
EP 4147002 A4 20240515 (EN)

Application
EP 21799858 A 20210505

Priority
• US 202063020086 P 20200505
• US 202063112213 P 20201111
• SG 2021050248 W 20210505

Abstract (en)
[origin: WO2021225524A1] A toy projectile launcher pistol having a handle with an internal projectile storage area; at least one pair of inwardly biased resilient flaps; an air piston assembly having a barrel and a plunger element; a sliding handle coupled to the barrel, the sliding handle and barrel being movable between a forward position and a backward position; an extension spring that biases the plunger element to-wards a front portion of the toy projectile launcher pistol; and a latching assembly that couples the plunger element to a trigger assembly when the sliding handle is moved to the backward position, and the trigger assembly, upon toggling, releases the coupling of the latching assembly between the plunger element and the trigger assembly.

IPC 8 full level
F41B 7/08 (2006.01); **A63H 33/18** (2006.01); **F41A 9/70** (2006.01); **F41B 11/50** (2013.01); **F41B 11/55** (2013.01); **F41B 11/642** (2013.01); **F41B 11/73** (2013.01); **F41B 11/89** (2013.01)

CPC (source: EP US)
F41A 9/70 (2013.01 - EP); **F41B 7/08** (2013.01 - US); **F41B 11/55** (2013.01 - EP); **F41B 11/642** (2013.01 - EP); **F41B 11/73** (2013.01 - EP); **F41B 11/89** (2013.01 - EP)

Citation (search report)
• [A] GB 2206055 A 19881229 - FERRI GIAMPIERO
• [A] US 9389042 B1 20160712 - CLAYTON RICHARD A [US]
• [A] US 3572310 A 19710323 - CHIBA KENSUKE
• [A] US 2735206 A 19560221
• See also references of WO 2021225524A1

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)
WO 2021225524 A1 20211111; CA 3183635 A1 20211111; EP 4147002 A1 20230315; EP 4147002 A4 20240515; US 2023175808 A1 20230608

DOCDB simple family (application)
SG 2021050248 W 20210505; CA 3183635 A 20210505; EP 21799858 A 20210505; US 202117997972 A 20210505