

Title (en)

FLUID DISTRIBUTION SYSTEM FOR PRE-CHARGED PNEUMATIC (PCP) CARBINES OR PISTOLS

Title (de)

FLÜSSIGKEITSVERTEILUNGSSYSTEM FÜR AUFGELADENE PNEUMATISCHE (PCP) KARBINEN ODER PISTOLEN

Title (fr)

SYSTÈME DE DISTRIBUTION DE FLUIDES POUR CARABINES OU PISTOLETS À PROPULSION PAR PCP

Publication

**EP 4276402 A1 20231115 (EN)**

Application

**EP 21709749 A 20210111**

Priority

ES 2021070006 W 20210111

Abstract (en)

The system comprises a firing mechanism (20), which comprises a trigger (22) and a main valve (23), which is connected to a barrel (21), and a first reservoir (1), wherein the fluid to be distributed to the main valve (23) is provided at a pre-determined pressure; said first reservoir (1) being arranged inside a tubular element (3), characterised in that it comprises:- a second reservoir (2), arranged inside the tubular element (3), having the same pressure as the first reservoir (1), and- a spacing element (4), which operates as a moving piston, arranged inside the tubular element (3), which separates the first reservoir (1) from the second reservoir (2), and in that the tubular element (3) at least partially surrounds the first reservoir (1), the spacing element (4) and the second reservoir (2).

IPC 8 full level

**F41B 11/68** (2013.01); **F41B 11/62** (2013.01); **F41B 11/642** (2013.01); **F41B 11/682** (2013.01)

CPC (source: EP US)

**F41B 11/62** (2013.01 - EP US); **F41B 11/642** (2013.01 - EP); **F41B 11/68** (2013.01 - EP); **F41B 11/682** (2013.01 - EP); **F41B 11/723** (2013.01 - US)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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