

Title (en)
DEVICE FOR FEEDING MEDIUM-CALIBRE AMMUNITION WITH A ROTATING PLATE

Title (de)
VORRICHTUNG ZUR ZUFÜHRUNG VON MITTELKALIBERMUNITION MIT EINER DREHPLATTE

Title (fr)
DISPOSITIF D'ALIMENTATION EN MUNITIONS DE MOYEN CALIBRE À PLATEAU TOURNANT

Publication
EP 3374720 B1 20190807 (FR)

Application
EP 16790540 A 20161024

Priority
• US 201562253236 P 20151110
• BE 201505827 A 20151217
• EP 2016075512 W 20161024

Abstract (en)
[origin: WO2017080800A1] A device (1) for feeding medium-calibre ammunition, intended for a turret mounted on an armoured vehicle, characterised in that the structural elements for guided and pulled delivery successively comprise a first conveyor (31), a first ratchet casing (41), a second conveyor (32) and a second ratchet casing (42), said rotating circular plate and said structural elements for guided and pulled delivery all being covered with a protection made from metal sheet on the side faces of same and/or on a top portion or roof, said protection made from metal sheet having movable flaps mounted in a rotating or pivoting manner (23, 24, 28, 33, 34, 35), allowing partial or total ergonomic (re)loading and/or unloading of medium-calibre ammunition (2) into/from the rotating circular plate (21, 22), either when the vehicle is stationary or when it is moving, from the inside and/or the outside of the turret and access to the medium-calibre ammunition (2) or (re)loading and/or unloading of same into/from the conveyors (31, 32).

IPC 8 full level
F41A 9/30 (2006.01); **F41A 9/55** (2006.01); **F41A 9/79** (2006.01); **F41A 9/86** (2006.01)

CPC (source: EP IL KR US)
F41A 9/30 (2013.01 - EP IL KR US); **F41A 9/55** (2013.01 - EP IL KR US); **F41A 9/79** (2013.01 - EP IL KR US);
F41A 9/86 (2013.01 - EP IL KR 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)
WO 2017080800 A1 20170518; WO 2017080800 A8 20170706; AU 2016352431 A1 20180510; AU 2016352431 B2 20210624;
BE 1023730 A1 20170630; BE 1023730 B1 20170630; BR 112018006951 A2 20181016; BR 112018006951 B1 20211116;
CA 3001432 A1 20170518; CN 108603736 A 20180928; CN 108603736 B 20191210; CO 2018005877 A2 20180821; DK 3374720 T3 20191028;
EP 3374720 A1 20180919; EP 3374720 B1 20190807; ES 2750178 T3 20200325; IL 259126 A 20180628; IL 259126 B 20200730;
KR 102630302 B1 20240126; KR 20180092315 A 20180817; MX 2018005835 A 20181112; PL 3374720 T3 20200131; PT 3374720 T 20191028;
SG 11201802569T A 20180427; US 10591233 B2 20200317; US 2019339033 A1 20191107

DOCDB simple family (application)
EP 2016075512 W 20161024; AU 2016352431 A 20161024; BE 201505827 A 20151217; BR 112018006951 A 20161024;
CA 3001432 A 20161024; CN 201680065586 A 20161024; CO 2018005877 A 20180607; DK 16790540 T 20161024; EP 16790540 A 20161024;
ES 16790540 T 20161024; IL 25912618 A 20180503; KR 20187015587 A 20161024; MX 2018005835 A 20161024; PL 16790540 T 20161024;
PT 16790540 T 20161024; SG 11201802569T A 20161024; US 201615774317 A 20161024