

Title (en)
AMMUNITION CONVEYOR AND TURRET COMPRISING SUCH A CONVEYOR

Title (de)
MUNITIONSFÖRDERER UND TURM MIT SOLCH EINEM FÖRDERER

Title (fr)
CONVOYEUR DE MUNITION ET TOURELLE COMPORTANT UN TEL CONVOYEUR

Publication
EP 3924682 B1 20230329 (FR)

Application
EP 20709324 A 20200212

Priority
• FR 1901400 A 20190214
• IB 2020051134 W 20200212

Abstract (en)
[origin: WO2020165792A1] The invention relates to an ammunition conveyor (104) incorporating a wedging device (1) and to a turret comprising such a conveyor with a cradle (2) intended to contain an ammunition (200), immobilising it with wedges (3) distributed around it. The wedges (3) can slide radially between a position engaged in the cradle (2) and a position disengaged from the cradle (2) against the action of a resilient means (4) bringing the wedges (3) into the engaged position. Each wedge (3) can be locked in the engaged position by the action of at least one cam (8) rigidly attached to the conveyor (104) and having an inclined surface (6) cooperating with at least one inclined plane (5) borne by the wedge (3). The inclined surfaces (6) and planes (5) are disposed such that a translation of the cam (8) controlled by an actuator (10) causes a radial translation of the wedge (3). Each wedge (3) is thus squeezed between the cam (8) and the ammunition (200) and ensures the immobilisation of the ammunition (200) with respect to the cradle (2).

IPC 8 full level
F41A 9/11 (2006.01); **F41A 9/22** (2006.01); **F41A 9/26** (2006.01); **F42B 39/22** (2006.01)

CPC (source: EP IL KR)
F41A 9/11 (2013.01 - EP IL KR); **F41A 9/22** (2013.01 - EP IL KR); **F41A 9/26** (2013.01 - IL KR); **F42B 39/22** (2013.01 - EP IL KR);
F41A 9/26 (2013.01 - EP)

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 2020165792 A1 20200820; AU 2020222084 A1 20210902; EP 3924682 A1 20211222; EP 3924682 B1 20230329; FR 3092907 A1 20200821; FR 3092907 B1 20220527; IL 285469 A 20210930; KR 20210134903 A 20211111; PL 3924682 T3 20230502

DOCDB simple family (application)
IB 2020051134 W 20200212; AU 2020222084 A 20200212; EP 20709324 A 20200212; FR 1901400 A 20190214; IL 28546921 A 20210809; KR 20217027448 A 20200212; PL 20709324 T 20200212