

Title (en)

WEAPON WITH BARREL HAVING A WEDGE-TYPE BREECH LOCKING MECHANISM

Title (de)

ROHRWAFFE MIT VERSCHLUSSKEILSCHLIESSMECHANISMUS

Title (fr)

ARME À CANON AVEC MÉCANISME DE FERMETURE À COIN DE CULASSE

Publication

EP 2561303 B1 20140122 (DE)

Application

EP 11713193 A 20110407

Priority

- DE 102010015569 A 20100419
- EP 2011001718 W 20110407

Abstract (en)

[origin: WO2011131292A1] The invention relates to a tube weapon (1) having a weapon barrel (3), which is mounted in a cradle tube (2) such that it can be moved from a rest position to a recoil position and has a base piece (4), with the base piece (4) comprising a wedge-type breech lock (5) with a breech block (7) which can be moved transversely with respect to the barrel bore axis (6) of the weapon barrel (3) from a closed position to an open position by means of an opener lever (10), and with a guide device (22) for guiding a driver (21) being provided on the cradle tube (2) on the side facing the weapon barrel (3) which driver (21) is supported, shortly before the weapon barrel (3) reaches the rest position during forward movement, on a control cam (23) on the guide device (22), causing the breech block (7) to open. In order to avoid wide holding arms for the guide device (22) of the driver (21), the invention proposes that a push rod (8), which can be moved axially from an initial position to an operating position, be provided on the base piece (4) in order to control the breech movement, which push rod (8) acts on its side facing away from the cradle tube (2) on the opener lever (10) which is connected to the breech block (7), and which is connected on its side facing the cradle tube (2) via a lever transmission to the driver (21), which is supported on the control cam (23) of the guide device (22), which is attached to the cradle tube during recoil of the weapon barrel (3).

IPC 8 full level

F41A 3/10 (2006.01)

CPC (source: EP)

F41A 3/10 (2013.01)

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)

DE 102010015569 A1 20111020; EP 2561303 A1 20130227; EP 2561303 B1 20140122; WO 2011131292 A1 20111027

DOCDB simple family (application)

DE 102010015569 A 20100419; EP 11713193 A 20110407; EP 2011001718 W 20110407