

Title (en)
MORTAR WEAPON

Title (de)
MÖRSERWAFFE

Title (fr)
ARME DE MORTIER

Publication
EP 3803254 A1 20210414 (DE)

Application
EP 19726980 A 20190524

Priority
• DE 102018113916 A 20180611
• EP 2019063517 W 20190524

Abstract (en)
[origin: CA3092637A1] The invention relates to a combination mortar weapon (1) with a base (4) and mortar barrel (12). A frame (7) with a receiving area (8) for receiving an additional base (10) is attached to the base (4). The base (4) belongs to a standard mortar (2) and the additional base (10) belongs to a commando mortar (3). The mortar barrel (12) is secured to the additional base (10) of the commando mortar (3). The mortar barrel (12) is used by the standard mortar (2) and by the commando mortar (3). The connection between the base (4) of the standard mortar (2) and the base (10) of the commando motor (3) is produced at least by a rapid-action closure (11). The frame (7) comprises an arm (13), to which a monopod (14) is attached as the support device and for the purpose of elevating the mortar barrel (12). The frame (7) is designed to be rotatable relative to the base (4), whereby the mortar weapon (1) can be aligned in the azimuth direction in the form of a standard mortar (2). The monopod (14) can be secured to the frame (7) of the base (4) of the standard mortar (2) via a lower rapid-action closure (26) and to the mortar barrel (12) via an upper rapid-action closure (27). If the mortar weapon (1) is used as a commando mortar (3), the base (10) of the commando mortar (3) is released from the base (4) of the standard mortar (2). The connection (26) and/or the connection (27) can be released such that the monopod (14) remains on the base (4) or on the mortar barrel (12) as desired.

IPC 8 full level
F41A 23/54 (2006.01); **F41F 1/06** (2006.01)

CPC (source: EP IL KR US)
F41A 23/54 (2013.01 - EP IL KR US); **F41F 1/06** (2013.01 - EP IL KR US); **F41A 23/06** (2013.01 - US); **F41A 23/34** (2013.01 - 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102018113916 A1 20191212; AU 2019286099 A1 20200903; AU 2019286099 B2 20220526; CA 3092637 A1 20191219; CA 3092637 C 20230815; EP 3803254 A1 20210414; EP 3803254 B1 20230705; EP 3803254 C0 20230705; ES 2958912 T3 20240216; HU E063757 T2 20240128; IL 277995 A 20201130; JP 2021524012 A 20210909; JP 7021373 B2 20220216; KR 102411812 B1 20220622; KR 20200135983 A 20201204; SG 11202012178T A 20210128; US 11313645 B2 20220426; US 2021148673 A1 20210520; WO 2019238392 A1 20191219; ZA 202005186 B 20210929

DOCDB simple family (application)
DE 102018113916 A 20180611; AU 2019286099 A 20190524; CA 3092637 A 20190524; EP 19726980 A 20190524; EP 2019063517 W 20190524; ES 19726980 T 20190524; HU E19726980 A 20190524; IL 27799520 A 20201012; JP 2020564744 A 20190524; KR 20207029452 A 20190524; SG 11202012178T A 20190524; US 201917043156 A 20190524; ZA 202005186 A 20200820