

Title (en)

WEAPON SYSTEM WITH A CARRIER VEHICLE AND A VEHICLE DEPENDENT MORTAR

Title (de)

WAFFENSYSTEM MIT EINEM TRÄGERFAHRZEUG UND EINEM FAHRZEUGGEBUNDENEN MÖRSER

Title (fr)

SYSTÈME D'ARME AVEC UN VÉHICULE PORTEUR ET UN MORTIER LIÉ AU VÉHICULE

Publication

EP 2342529 B1 20131225 (DE)

Application

EP 09778712 A 20090925

Priority

- EP 2009006919 W 20090925
- DE 102008052074 A 20081017

Abstract (en)

[origin: US2012024141A1] A weapon system includes a carrier vehicle and a vehicle dependent mortar, wherein the carrier vehicle has a crew space and a weaponry space to house the mortar, and the mortar is charged in an index position with mortar grenades, with several sheddable propellant modules on the tail shaft thereof. The weapon system avoids manual loading of the mortar with mortar grenades because an automatic loader is arranged in a weapon space separated from the crew space by a separating wall. The loader transports the mortar grenade from a magazine in the weapon space into the index position of the barrel of the mortar and axially inserts it into the mouth of the barrel, and an automatic shedding device is arranged in the weapon space to automatically remove unnecessary propellant modules from the mortar grenade after fixing target parameters and before insertion of the mortar grenade into the barrel.

IPC 8 full level

F41H 7/02 (2006.01); **F42B 30/12** (2006.01)

CPC (source: EP US)

F41H 7/02 (2013.01 - EP US); **F42B 30/12** (2013.01 - EP US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

US 2012024141 A1 20120202; **US 8534180 B2 20130917**; DE 102008052074 A1 20100422; EP 2342529 A1 20110713; EP 2342529 B1 20131225; IL 212254 A0 20110630; IL 212254 A 20150730; WO 2010043302 A1 20100422

DOCDB simple family (application)

US 201113089040 A 20110418; DE 102008052074 A 20081017; EP 09778712 A 20090925; EP 2009006919 W 20090925; IL 21225411 A 20110411