

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

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Application

**EP 09778712 A 20090925**

Priority

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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

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CPC (source: EP US)

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