

Title (en)

Armoured vehicle, in particular fighting vehicle

Title (de)

Gepanzertes Fahrzeug, insbesondere Kampffahrzeug

Title (fr)

Véhicule blindé, en particulier véhicule de combat

Publication

EP 1191303 B1 20050713 (DE)

Application

EP 01121233 A 20010905

Priority

DE 10046480 A 20000920

Abstract (en)

[origin: EP1191303A2] The armored vehicle, and especially an armored fighting vehicle, has a weapon platform which can be raised and lowered by a rocker (1) with a defined swing angle around a horizontal axis (A1) fixed to the vehicle. The platform is fitted with a weapon (3) and/or an observation instrument (4) on a mounting (2), with rotation around a vertical axis (A2). The platform is raised/lowered by a motor (5.2) with a threaded spindle (5) transmission under the rocker. The spindle nut (5.1) acts on a point at the rocker, at a gap from the swing axis, through two linkages (6.1,6.2) and a fork-shaped push rod (7). The spindle nut rides in a fixed and straight guide (8), parallel to the threaded spindle. The swing plane for the platform can be either along the vehicle line or across it.

IPC 1-7

F41A 23/20; F41A 23/42; F41A 27/24

IPC 8 full level

F41A 23/20 (2006.01); **F41A 23/42** (2006.01); **F41A 27/24** (2006.01)

CPC (source: EP)

F41A 23/20 (2013.01)

Cited by

EP1500900A1; DE10333647A1; CN108685459A; EP2789963A1; FR3004529A1; US7669513B2; WO03046467A1; WO2006063570A1; WO2005033611A1

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