

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 A3 20021023 (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.

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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)

Citation (search report)
• [A] US 4706543 A 19871117 - WINKLER GERT [DE], et al
• [A] GB 103054 A 19170111 - JUSTICE PHILIP MIDDLETON [GB]
• [A] EP 0612969 A1 19940831 - ATLAS ELEKTRONIK GMBH [DE]
• [A] BE 677226 A 19660901
• [A] DE 122959 C
• [A] US 4282794 A 19810811 - MILLER AVY L, et al

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