

Title (en)
Armoured vehicle

Title (de)
Panzerfahrzeug

Title (fr)
Véhicule blindé

Publication
EP 0849560 A3 19990512 (DE)

Application
EP 97120441 A 19971121

Priority
DE 19653283 A 19961220

Abstract (en)
[origin: EP0849560A2] The crew compartment for an armoured vehicle is a separate cell structure (5), held by elastic mountings (3) at a gap(s) from the armoured housing (2). The elastic mountings dampen the compartment cell from the housing and also prevent vibrations reaching the crew compartment cell. The mountings have a defined elastic characteristic, to hold the compartment cell at local mounting points in the armoured housing. The mountings can be extruded rubber profiles and/or elastic hose sections, or elastic corrugated sheets. The crew compartment cell is of a compound fibre material for protection against splinters and mine detonations, and is fitted with thermal and acoustic insulation.

IPC 1-7
F41H 7/02

IPC 8 full level
F41H 7/02 (2006.01)

CPC (source: EP)
F41H 7/02 (2013.01)

Citation (search report)

- [Y] US 2382862 A 19450814 - DAVIS JR AUGUSTINE
- [Y] WO 8204092 A1 19821125 - TOYAMA JUN
- [A] US 3367709 A 19680206 - VICTOR SUNG
- [A] DE 2528297 A1 19770526 - SCHENDELL KG
- [A] DE 2149954 A1 19730412 - RHEINMETALL GMBH, et al
- [A] FR 1169351 A 19581226 - LORRAINE ANCIENS ETS DIETRICH
- [A] EP 0472785 A1 19920304 - SOCIMI [IT]
- [A] FR 1436261 A 19660422 - DAIMLER BENZ AG
- [A] DE 2324988 A1 19810402 - KRAUSS MAFFEI AG
- [A] DE 3206794 A1 19830901 - KLAUE HERMANN
- [A] DD 269132 A1 19890621 - INST LEICHTBAU UND OEKONOMISCH [DD]
- [A] DE 8628690 U1 19870430
- [A] "Der US Transportpanzer M 113 A2 und A3", SOLDAT UND TECHNIK, vol. 29, no. 2, February 1986 (1986-02-01), FRANKFURT, DEUTSCHLAND, pages 96 - 97, XP002096289

Cited by
EP2327950A3; EP1293747A3; AU2011206884B2; EP1566607A1; EP1275928A3; EP1081451A3; US8096225B1; US8833230B2; US6658984B2; WO0226523A1; US9163910B2; US10408578B2; US8387511B2; US8733226B2; EP2569590B1

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