

Title (en)

Launcher for self-propelled missiles, in particular for artillery rockets

Title (de)

Abschussvorrichtung für selbstangetriebene Flugkörper, insbesondere Artillerieraketen

Title (fr)

Dispositif de lancement pour missiles autopropropulsés, en particulier pour roquettes d'artillerie

Publication

EP 0731331 A3 19961127 (DE)

Application

EP 96102429 A 19960217

Priority

DE 19508008 A 19950307

Abstract (en)

[origin: EP0731331A2] In the position ready for firing, the missile is supported in the firing tube by a guidance mechanism at the rear end. There are also bodies at intervals in the peripheral direction at the forward end, these being discharged from the tube with the missile on firing. Each body has a top section (1) bearing against the inside wall of the tube, and a bottom one (2) bearing against the missile, the two being detachably secured together (3). In each section, electrical contact pins (6,7) insulated from the body are thrust outwards by compression springs (8), so as to stand proud of the section surfaces in the unassembled state. These bear against mating contacts on the missile and the tube, each top pin being electrically connected to a bottom one.

IPC 1-7

F41F 3/04; **F41A 19/69**

IPC 8 full level

F41A 19/69 (2006.01); **F41F 3/04** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP)

F41A 19/69 (2013.01); **F42B 14/06** (2013.01)

Citation (search report)

- [A] US 3610095 A 19711005 - BLACK DONALD V, et al
- [A] US 3120784 A 19640211 - MAGERS WILLIAM M, et al
- [A] US H405 H 19880105
- [A] US 4455916 A 19840626 - WHITTAKER WOLDEN B [US]
- [A] US 4638739 A 19870127 - SAYLES DAVID C [US]
- [A] D. EDMONDS: "Missile interface connector", NAVY TECHNICAL DISCLOSURE BULLETIN, vol. 8, no. 3, March 1983 (1983-03-01), WASHINGTON (USA), pages 55 - 57, XP002014112

Cited by

JP2011242124A; FR3099393A1; WO2009121467A1; WO2015082701A1

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