

Title (en)

Device for an optical fiber when starting a missile

Title (de)

Vorrichtung für einen Lichtwellenleiter beim Start eines Flugkörpers

Title (fr)

Dispositif pour un guide optique pour le démarrage d'un corps volant

Publication

EP 1887307 B1 20111012 (DE)

Application

EP 07015057 A 20070801

Priority

DE 102006037332 A 20060810

Abstract (en)

[origin: EP1887307A2] The device for optical transmitter of a missile for transmission of master signal, comprises a support mounted for the transmitter (5), which is surrounded within a launcher (2) by a telescope-like tubular device (6), whose first end completely surrounds a coil (3) secured on stern of the missile (1) and second end is secured to the stern of the missile by a separatable fastener. The transmitter is arranged in the launcher up to ignition of its engine. The tubular device has concentric tube sections lying with one another, and a flat spiral spring. The device for optical transmitter of a missile for transmission of master signal, comprises a support mounted for the transmitter (5), which is surrounded within a launcher (2) by a telescope-like tubular device (6), whose first end completely surrounds a coil (3) secured on stern of the missile (1) and second end is secured to the stern of the missile by a separatable fastener. The transmitter is arranged in the launcher up to ignition of its engine. The tubular device has concentric tube sections lying with one another, and a flat spiral spring, which is prestressed between the stern of the missile and rear end of the launcher. The tube sections are spring loaded and prestressed between the stern of the missile and rear end of the launcher and are arranged above the starting of the missile. The second end of the tubular device is secured to the stern of the missile by a separatable fastener. The length of the tubular device is larger or equal to the length of the interior area of the launcher.

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CPC (source: EP)

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