

Title (en)

Device for the optical marking of the trajectory of missiles propelled by thrusters

Title (de)

Vorrichtung für die optische Markierung der Flugbahn von durch Triebwerke beschleunigten Flugkörpern

Title (fr)

Dispositif de marquage optique de la trajectoire de missiles propulsés par moteurs à réaction

Publication

EP 0860682 B1 20020502 (DE)

Application

EP 97204141 A 19971230

Priority

US 3830997 P 19970225

Abstract (en)

[origin: EP0860682A1] In a device for optically tracing the trajectory of a powered flying body, especially a rocket, by mixing visible smoke and/or vapour particles with the emitted gas jet and/or passing air, a smoke and/or vapour unit is connected to the rocket nozzle and is activated or ignited by the rocket exhaust. Preferably, the smoke unit is in the form of a hollow cylinder (1, 2) containing a pyrotechnic mixture (9) of 22% zinc oxide, 18% polyvinyl chloride, a reaction mixture of 22% y chloride, 36% ammonium perchlorate and 2% collodion cotton.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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