

Title (en)  
Device for a laser simulator

Title (de)  
Vorrichtung für einen Lasersimulator

Title (fr)  
Dispositif pour un simulateur laser

Publication  
**EP 1632743 A1 20060308 (EN)**

Application  
**EP 04020757 A 20040901**

Priority  
EP 04020757 A 20040901

Abstract (en)  
A device for a laser simulator (1) for simulating the firing of a weapon with a parabolic, homing or otherwise guided high ammunition trajectory or combinations thereof. A barrel (2) constitutes a launch ramp for the missile weapon and is elevated at an angle of elevation  $\pm$  relative to the line of sight (I) in connection with the firing of the missile weapon. The laser simulator (1) contains a laser unit (3) arranged in the barrel (2) with a mechanical and optical axis (x a ) in a known relationship relative to one another and relative to a center axis for the barrel (2). An optical aiming unit (4) containing an optical wedge (6) is arranged in front of an optical outlet (9) on the laser unit (3). The optical wedge (6) is disposed so as to deflect a beam of light emitted from the laser unit (3) at an angle of deflection  $\Delta E$  corresponding to the angle of elevation  $\pm$ .

IPC 8 full level  
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CPC (source: EP)  
**F41G 3/265** (2013.01); **F41G 7/006** (2013.01)

Citation (search report)  

- [XA] DE 3114000 A1 19821028 - PRECITRONIC [DE]
- [A] FR 2569833 A1 19860307 - THOMSON CSF [FR]
- [A] FR 2559911 A1 19850823 - GAUSSORGUES GILBERT [FR]
- [A] US 6296486 B1 20011002 - CARDAILLAC EMMANUEL [FR], et al
- [A] EP 0294875 A1 19881214 - SPRL LEENTJENS BOES [BE]

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