

Title (en)
Device for testing ammunition

Title (de)
Munitionsprüfgerät

Title (fr)
Dispositif pour tester une munition

Publication
EP 1717543 A1 20061102 (DE)

Application
EP 06004572 A 20060307

Priority
DE 102005020180 A 20050428

Abstract (en)
In a munition testing device comprising a housing containing a receiver (3) for a munition, the receiver comprises fiber composite material (8) with an inner liner (7) and has a suitable layer thickness (d) to make it transparent to radiation. INDEPENDENT CLAIM are also included for two measuring systems incorporating the above device, in which: (A) X-ray sources are arranged before the shooting (i.e. testing) device such that radiation beams enter through a cartridge store (3) under a defined angle and collide with a detector device at the exit side; or (B) the cartridge store is irradiated through a multi-anode tube, behind which a fluorescence screen is located, so that the X-ray radiation is converted into visible light, which is received by a high-speed camera and an image intensifier in series.

IPC 8 full level
F42B 35/00 (2006.01); **F42D 5/04** (2006.01)

CPC (source: EP)
F42B 35/00 (2013.01)

Citation (applicant)
• DE 1428695 A1 19690123 - MAUSER WERKE AG
• DE 3132085 C2 19830601
• CH 629891 A5 19820514 - PCB PIEZOTRONICS INC [US]

Citation (search report)
• [A] US 4329584 A 19820511 - HOLZBERGER JOHANN
• [AD] DE 1428695 A1 19690123 - MAUSER WERKE AG
• [AD] DE 3132085 A1 19820415 - LIST HANS [AT]
• [AD] CH 629891 A5 19820514 - PCB PIEZOTRONICS INC [US]
• [A] WO 03016849 A2 20030227 - ALLIED AEROSPACE IND INC [US]
• [A] EP 0725260 A1 19960807 - AKZO NOBEL NV [NL]
• [A] DE 174968 C

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1717543 A1 20061102; EP 1717543 B1 20070822; AT E371161 T1 20070915; DE 102005020180 B3 20060713;
DE 502006000066 D1 20071004

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EP 06004572 A 20060307; AT 06004572 T 20060307; DE 102005020180 A 20050428; DE 502006000066 T 20060307