

Title (en)
Target range with target unit and weapon

Title (de)
Schiessstand mit Ziel-Einheit und Waffe

Title (fr)
Stand de tir avec cible et arme

Publication
EP 2177861 A3 20131016 (DE)

Application
EP 09012458 A 20091001

Priority
• DE 102008051376 A 20081015
• DE 102008051374 A 20081015

Abstract (en)
[origin: EP2177861A2] The sport firing range (1) comprises a sport device (2), a target (4) and a target-unit (3). The shot takes place by a laser beam (5), particularly in a visible area out of the sport device, where a sensor is provided in the target for detecting the laser beam. The laser beam is modulated for transfer of data from the sport device, where the identification of the sport device is transferred. Independent claims are included for the following: (1) a sport device for a sport firing range; and (2) a target-unit for a sport firing range.

IPC 8 full level
F41J 5/02 (2006.01); **F41A 33/02** (2006.01); **F41J 11/00** (2009.01)

CPC (source: EP)
F41A 33/02 (2013.01); **F41J 5/02** (2013.01); **F41J 11/00** (2013.01)

Citation (search report)
• [XY] US 2003195046 A1 20031016 - BARTSCH FRIEDRICH KARL JOHN [AU]
• [YA] DE 102006012553 A1 20070524 - ROEHM GMBH [DE]
• [Y] US 2004087378 A1 20040506 - LIU CHI-CHANG [TW]
• [YP] WO 2009031813 A1 20090312 - OH MIN HEE [KR] & KR 20070095261 A 20070928 - OH MIN HEE [KR]
• [Y] US 4266776 A 19810512 - GOLDFARB ADOLPH E
• [A] EP 1300796 A1 20030409 - NEC CORP [JP]

Cited by
CN111578787A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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DOCDB simple family (application)
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