SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F41 WEAPONS

F41J TARGETS; TARGET RANGES; BULLET CATCHERS

Subclass index

TARGETS
Stationary or movable....1/00, 7/00, 9/00
Reflecting or active....2/00
Specially adapted for arrows or darts....3/00
TARGET-HIT INDICATORS OR RECORDERS....5/00
TARGET STANDS; TARGET RANGES....1/00, 11/00
BULLET CATCHERS....13/00

1/00 **Targets; Target stands; Target holders** (F41J 2/00-F41J 11/00 take precedence; targets combined with bullet catchers F41J 13/02) **[1, 5, 2006.01]**

1/01 • Target discs characterised by their material, structure or surface (F41J 5/044 takes precedence) **[5, 2006.01]**

1/08 • for ordnance, e.g. cannons; for attacking by aircraft; Full-scale models imitating target objects, e.g. tanks, aircraft **[1, 5, 2006.01]**

1/10 • Target stands; Target holders **[1, 2006.01]**

2/00 **Reflecting targets, e.g. radar-reflector targets; Active targets transmitting electromagnetic waves [5, 2006.01]**

2/02 • Active targets transmitting infra-red radiation **[5, 2006.01]**

3/00 **Targets for arrows or darts, e.g. for sporting or amusement purposes [1, 2006.01]**

3/02 • Indicators or score boards for arrow or dart games **[1, 2006.01]**

5/00 **Target indicating systems; Target-hit or score detecting systems [1, 5, 2006.01]**

5/02 • Photo-electric hit-detector systems **[1, 2006.01]**

5/04 • Electric hit-indicating systems; Detecting hits by actuation of electric contacts or switches **[1, 5, 2006.01]**

5/044 • • Targets having two or more electrically-conductive layers for short-circuiting by penetrating projectiles **[5, 2006.01]**

5/048 • • • one of the layers being in the form of discrete target sections **[5, 2006.01]**

5/052 • • Targets comprising a plurality of electric contacts, each corresponding to a discrete target section and being actuated by the movement thereof (F41J 5/056 takes precedence) **[5, 2006.01]**

5/056 • • Switch actuation by hit-generated mechanical vibration of the target body, e.g. using shock or vibration transducers **[5, 2006.01]**

5/06 • Acoustic hit-indicating systems, i.e. detecting of shock waves (F41J 5/056 takes precedence) **[1, 2006.01]**

5/08 • Infra-red hit-indicating systems **[1, 2006.01]**

5/10 • Cinematographic hit-indicating systems (cinematographic targets F41J 9/14) **[1, 2006.01]**

5/12 • for indicating the distance by which a bullet misses the target (F41J 5/02-F41J 5/10 take precedence) **[1, 2006.01]**

5/14 • Apparatus for signalling hits or scores to the shooter, e.g. manually operated, or for communication between target and shooter; Apparatus for recording hits or scores **[5, 2006.01]**

5/16 • • Manually evaluating scores, e.g. using scoring plugs or gauges; Apparatus for evaluating scores on targets after removal from the target holder **[5, 2006.01]**

5/18 • Targets having hit-indicating means actuated or moved mechanically when the target has been hit, e.g. discs or flags (the target as a whole disappearing or moving when hit F41J 7/04) **[5, 2006.01]**

5/20 • • indicating which part of the target has been hit, i.e. the score **[5, 2006.01]**

5/22 • • the indicating means being a dispensing device **[5, 2006.01]**

5/24 • Targets producing a particular effect when hit, e.g. detonation of pyrotechnic charge, bell ring, photograph **[5, 2006.01]**

5/26 • • exploding or disintegrating when hit (F41J 9/16 takes precedence) **[5, 2006.01]**

7/00 **Movable targets which are stationary when fired at [1, 2006.01]**

7/02 • movable for checking **[1, 2006.01]**

7/04 • disappearing when hit **[1, 2006.01]**

7/06 • Bobbing targets, i.e. targets intermittently or unexpectedly appearing **[5, 2006.01]**

9/00 **Moving targets, i.e. moving when fired at** (F41J 2/00 takes precedence) **[1, 5, 2006.01]**

9/02 • Land-based targets **[1, 2006.01]**

9/04 • Sea-going targets **[1, 2006.01]**

9/06 • • towed **[1, 2006.01]**

9/08 • Airborne targets, e.g. drones, kites, balloons **[1, 2006.01]**
9/10 • • towed **[1, 2006.01]**
9/14 • Cinematographic targets, e.g. moving-picture targets **[1, 2006.01]**
9/16 • Clay-pigeon targets; Clay-disc targets **[1, 2006.01]**
9/18 • • Traps or throwing-apparatus therefor **[1, 2006.01]**
9/20 • • • with spring-operated throwing arm **[3, 2006.01]**
9/22 • • • • cocked by manual action **[3, 2006.01]**
9/24 • • • • cocked by electromechanical means **[3, 2006.01]**
9/26 • • • operated by fluid means **[3, 2006.01]**
9/28 • • • operated by manual action **[3, 2006.01]**
9/30 • • • characterised by using a magazine of targets **[3, 2006.01]**
9/32 • • • characterised by means for obviating the anticipation of the flight path **[3, 2006.01]**

11/00 Target ranges [2009.01]
11/02 • Safety means therefor **[2009.01]**

13/00 Bullet catchers [2009.01]
13/02 • combined with targets **[2009.01]**