

# 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            |

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| <p><b>1/00 Targets; Target stands; Target holders</b> (F41J 2/00-F41J 11/00 take precedence; targets combined with bullet catchers F41J 13/02) [5]</p> <p>1/01 • Target discs characterised by their material, structure or surface (F41J 5/044 takes precedence) [5]</p> <p>1/08 • for ordnance, e.g. cannons; for attacking by aircraft; Full-scale models imitating target objects, e.g. tanks, aircraft [5]</p> <p>1/10 • Target stands; Target holders</p> <p><b>2/00 Reflecting targets, e.g. radar-reflector targets; Active targets transmitting electromagnetic waves</b> [5]</p> <p>2/02 • Active targets transmitting infra-red radiation [5]</p> <p><b>3/00 Targets for arrows or darts, e.g. for sporting or amusement purposes</b></p> <p>3/02 • Indicators or score boards for arrow or dart games</p> <p><b>5/00 Target indicating systems; Target-hit or score detecting systems</b> [5]</p> <p>5/02 • Photo-electric hit-detector systems</p> <p>5/04 • Electric hit-indicating systems; Detecting hits by actuation of electric contacts or switches [5]</p> <p>5/044 • • Targets having two or more electrically-conductive layers for short-circuiting by penetrating projectiles [5]</p> <p>5/048 • • • one of the layers being in the form of discrete target sections [5]</p> <p>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]</p> <p>5/056 • • Switch actuation by hit-generated mechanical vibration of the target body, e.g. using shock or vibration transducers [5]</p> <p>5/06 • Acoustic hit-indicating systems, i.e. detecting of shock waves (F41J 5/056 takes precedence)</p> <p>5/08 • Infra-red hit-indicating systems</p> <p>5/10 • Cinematographic hit-indicating systems (cinematographic targets F41J 9/14)</p> | <p>5/12 • for indicating the distance by which a bullet misses the target (F41J 5/02-F41J 5/10 take precedence)</p> <p>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]</p> <p>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]</p> <p>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]</p> <p>5/20 • • indicating which part of the target has been hit, i.e. the score [5]</p> <p>5/22 • • the indicating means being a dispensing device [5]</p> <p>5/24 • Targets producing a particular effect when hit, e.g. detonation of pyrotechnic charge, bell ring, photograph [5]</p> <p>5/26 • • exploding or disintegrating when hit (F41J 9/16 takes precedence) [5]</p> <p><b>7/00 Movable targets which are stationary when fired at</b></p> <p>7/02 • movable for checking</p> <p>7/04 • disappearing when hit</p> <p>7/06 • Bobbing targets, i.e. targets intermittently or unexpectedly appearing [5]</p> <p><b>9/00 Moving targets, i.e. moving when fired at</b> (F41J 2/00 takes precedence) [5]</p> <p>9/02 • Land-based targets</p> <p>9/04 • Sea-going targets</p> <p>9/06 • • towed</p> <p>9/08 • Airborne targets, e.g. drones, kites, balloons</p> <p>9/10 • • towed</p> <p>9/14 • Cinematographic targets, e.g. moving-picture targets</p> <p>9/16 • Clay-pigeon targets; Clay-disc targets</p> <p>9/18 • • Traps or throwing-apparatus therefor</p> <p>9/20 • • • with spring-operated throwing arm [3]</p> <p>9/22 • • • • cocked by manual action [3]</p> |
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F41J

- 9/24 • • • • cocked by electromechanical means [3]
- 9/26 • • • operated by fluid means [3]
- 9/28 • • • operated by manual action [3]
- 9/30 • • • characterised by using a magazine of targets [3]
- 9/32 • • • characterised by means for obviating the anticipation of the flight path [3]

- 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]