

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

**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]