

Title (en)
Electromechanical trigger and an electronical safety appliance with the same

Title (de)
Elektromechanischer Auslöser und elektronisches Schutzgerät mit letzterem

Title (fr)
Déclencheur électromagnétique et appareil de protection électronique le comportant

Publication
EP 1650780 B1 20071121 (FR)

Application
EP 05354032 A 20050913

Priority
FR 0411219 A 20041021

Abstract (en)
[origin: EP1650780A1] The device has a cradle (1), with a stop forming wall (32), supporting a U-shaped armature (2) whose ends form polar surfaces cooperating with a palette (3). The palette is brought on the surfaces to close a magnetic circuit formed by the armature and the palette. A trip coil (4) to thwart the force of a magnet (6) to move the palette. A resetting top cap (7) of the palette is mounted slidingly in a support (12) included in the cradle. The palette (3) pivots with respect to the U-shaped armature. The trip coil (4) is mounted around a yoke frame surrounding the magnetic circuit. An independent claim is also included for an electrical safety device.

IPC 8 full level
H01H 71/58 (2006.01); **H01H 71/32** (2006.01)

CPC (source: EP)
H01H 71/323 (2013.01); **H01H 71/326** (2013.01)

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