

Title (en)

Sensing device of true-simulating bullet magazine

Title (de)

Sensierungsvorrichtung eines simulierten Patronenmagazins

Title (fr)

Dispositif de détection de magasin de balles en simulation

Publication

EP 3015812 A1 20160504 (EN)

Application

EP 14190406 A 20141027

Priority

EP 14190406 A 20141027

Abstract (en)

A sensing device of a true-simulating bullet magazine is disclosed. When a bullet driving element (4, 4a, 4b) forward advance bullets, position of a movable guide bar (2, 2a) is controlled so that when the bullets are used up or a bullet magazine get loosened, an activation element (3, 3a) arranged at one end of the movable guide bar (2, 2a) is triggered to cut off power supply required for a firing operation of a toy gun. As such, without modifying the toy gun and the outside appearance of a true-simulating bullet magazine, a simple structure is provided to prevent firing of the toy gun under a condition of no bullet loaded so as to reduce the potential risk of damaging internal mechanisms of the toy gun and to achieve an effect of simulation of a real gun.

IPC 8 full level

F41A 17/36 (2006.01); **F41B 11/55** (2013.01); **F41B 11/71** (2013.01)

CPC (source: EP)

F41A 17/36 (2013.01); **F41B 11/55** (2013.01); **F41B 11/71** (2013.01)

Citation (search report)

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- [X] EP 2388548 A2 20111123 - YIH KAI ENTPR CO LTD [TW]
- [A] US 2007000483 A1 20070104 - TSURUMOTO KOICHI [JP]
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JP2021050856A; JPWO2019058525A1; JPWO2019058526A1; TWI801406B; WO2019058525A1; WO2019058526A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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