

Title (en)

Vehicle toy mounting projectile launching mechanism

Title (de)

An Spielfahrzeuge montierte Projektilabschusseinrichtung

Title (fr)

Mécanisme de lancement de projectiles monté sur véhicule jouet

Publication

**EP 0700703 A3 19961211 (EN)**

Application

**EP 95306152 A 19950904**

Priority

JP 30132394 A 19941109

Abstract (en)

[origin: EP0700703A2] The toy 10 shows much originality in operation without using a complex circuit, is improved in flight range by using a simple and low-cost mechanism, permits a user to play with it safely, and comprises: a structure 15 mounted on the toy 10 and capable of moving from a first position to a second position so as to form in outline a part of a body 12 of the toy 10 in the first position and pop out of the body 12 in the second position; a popping-out mechanism by which the structure 15 is moved from the first position to the second position so as to pop out of the body 12; a launching platform 48 having the launching mechanism which is provided in the structure 15 so as to be housed in the body 12 in the first position and appear in sight in its launching position when the structure 15 is in the second position; and, a launching control means for controlling the launching mechanism.

IPC 1-7

**A63H 17/00**

IPC 8 full level

**F41B 3/03** (2006.01); **A63H 17/00** (2006.01); **A63H 17/045** (2006.01); **A63H 17/39** (2006.01); **A63H 33/18** (2006.01)

CPC (source: EP)

**A63H 17/006** (2013.01)

Citation (search report)

- [A] US 2735221 A 19560221
- [A] US 4530670 A 19850723 - OHNO KOUZIN [JP]
- [A] DE 3803839 A1 19890817 - STOCKSMEIER UWE [DE]

Cited by

EP1929235A4; US6755716B2; US7018264B2; EP0744203A3; US5842907A; CN109364497A; US7481694B1; US7458371B2; WO2004041388A1; US9345976B2

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