

Title (en)

TOY VEHICLE JUMPSET WITH CROSSING RISE AND DESCENT PATHS

Title (de)

SPRING-ANORDNUNG FÜR SPIELFAHRZEUGE MIT SICH KREUZENDEN BERG- UND TALFAHRBAHNEN

Title (fr)

CIRCUIT DE SAUT POUR VEHICULES-JOUETS AVEC CROISEMENT DES TRAJETS MONTANT ET DESCENDANT

Publication

EP 1066097 A4 20040630 (EN)

Application

EP 99904346 A 19990128

Priority

- US 9901758 W 19990128
- US 2082098 A 19980401

Abstract (en)

[origin: WO9949948A1] A toy vehicle jumpset includes a booster (14) coupled to a trackway (11) for receiving toy vehicles (47). The output of the booster is coupled to an upwardly curved, vertical launch ramp (15) which directs the toy vehicles in a vertical rise. An inverted vertical loop (16) is positioned to receive the upwardly directed toy vehicles and redirect the toy vehicles downwardly to a landing ramp (17) in a travel path which crosses the vertical rise path. A return trackway guides the toy vehicles from the landing ramp back to the booster entrance to repeat the cycle. A pair of safety shield sleeves (30, 31) are supported by a tower (20) between the launch ramp and the inverted vertical loop to prevent the user from leaning into the vehicle travel path and risking potential injury.

IPC 1-7

A63H 18/06; A63H 18/02

IPC 8 full level

A63H 18/02 (2006.01)

CPC (source: EP)

A63H 18/028 (2013.01)

Citation (search report)

- [A] US 5234216 A 19930810 - OSTENDORFF ERIC C [US]
- [A] DE 472333 C 19290226 - VALENTIN LIEBEL
- See references of WO 9949948A1

Designated contracting state (EPC)

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