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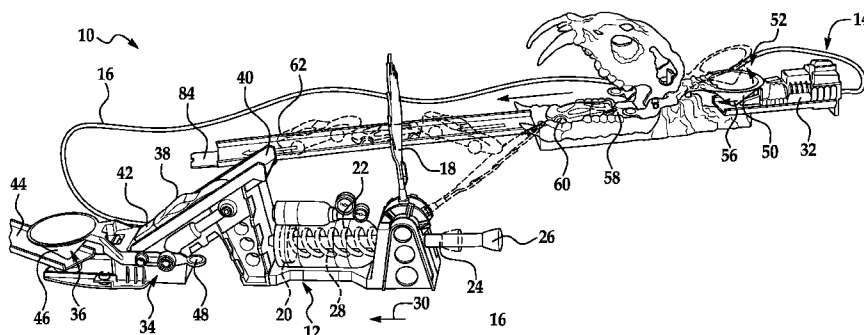
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(54) Title: RELAY FOR TOY TRACK SET



(57) Abstract: A relay for a toy track set, the relay having a first actuator, a second actuator and a conduit fluidly coupling the first actuator to the second actuator. The first actuator having a release mechanism moveably secured thereto for movement between a first position and a second position wherein movement of the release mechanism from the first position towards the second position causes the first actuator to force a fluid through the conduit, wherein the fluid forced through the conduit by the first actuator causes the second actuator to actuate a second release mechanism.



A. CLASSIFICATION OF SUBJECT MATTER***A63H 18/14(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A63H 18/14; A63B 71/00; A63H 29/00; A63H 3/31; B61B 13/08; F15B 5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

(Chinese Patents and application for patent)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: toy, track, vehicle, actuator, conduit, release, mechanism, move, piston, rod, spring

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4897065 A (FERTIG; JOHN K. et al.) 30 January 1990 See claim 1 and fig.3	1-19
A	US 5499940 A (JOHNSON; LONNIE G. et al.) 19 March 1996 See abstract and fig.1	1-19
A	US 4639236 A (MCKAY; ROBERT S. et al.) 27 January 1987 See column 2, line 21-column 3, line 20 and fig.1	1-19
A	WO 2007-025353 A1 (HARRIS, MARTIN, RUSSELL) 08 March 2007 See abstract and fig.1	1-19
A	US 3896735 A (FISCHER ARTUR) 29 July 1975 See abstract and fig.1	1-19



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4897065 A	30.01.1990	None	
US 5499940 A	19.03.1996	None	
US 4639236 A	27.01.1987	None	
WO 2007-025353 A1	08.03.2007	AU 2006-287130 A1	08.03.2007
		AU 2006-287130 B2	03.04.2008
		CA 2634817-A1	08.03.2007
		EP 1931882 A1	18.06.2008
		EP 1931882 A4	03.12.2008
		US 2009-071137 A1	19.03.2009
US 3896735 A	29.07.1975	None	