

12

EUROPEAN PATENT APPLICATION

21 Application number: **84305220.0**

51 Int. Cl.: **A 63 H 17/00**

22 Date of filing: **01.08.84**

30 Priority: **02.08.83 JP 119870/83**
13.06.84 JP 86765/84

71 Applicant: **TOMY KOGYO CO. INC., 9-10, Tateishi 7 Chome Katsushika-Ku, Tokyo (JP)**

43 Date of publication of application: **13.02.85**
Bulletin 85/7

72 Inventor: **Konta, Yukio, 9-10 Tateishi 7-chome, Katsushika-ku Tokyo (JP)**
Inventor: **Yoneda, Yosuke, 9-10 Tateishi 7-chome, Katsushika-ku Tokyo (JP)**

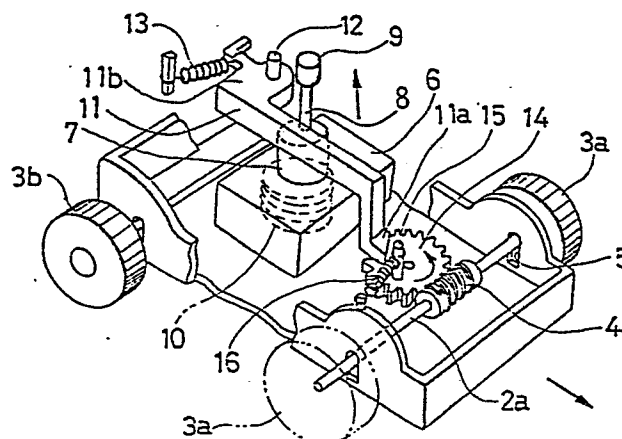
84 Designated Contracting States: **FR GB IT**

88 Date of deferred publication of search report: **03.04.85 Bulletin 85/14**

74 Representative: **Mosey, Stephen George et al, Marks & Clerk Alpha Tower Suffolk Street Queensway, Birmingham B1 1TT (GB)**

54 **Running toy.**

57 A running toy which performs jumping or somersalt operations when it is running, comprising a housing (1; 22) having wheels (3a, 3b; 28, 30) for running; a moving portion (6; 40) disposed in the housing so as to move in the upper and lower directions; a spring (10; 44) which imparts the upward force to the moving portion; a stopper member (11; 50) which holds the moving portion at the position where it is pushed down against the resilient force of the spring; a rotary member (14; 64) which rotates being inter-locked with the wheels for running; and an engagement-liberating member (15, 76) which is provided on the rotary member and liberates the engagement between the stopper member and the moving portion when the rotary member is rotated by a predetermined position. The rotary member comprises a gear which is rotated by the wheels for running, and the engagement-liberating member comprises a projection provided on the surface of the gear in an eccentric manner or a cam provided in concentric with the gear.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y,D	JP-B-53 012 209 * Figures 1-3 *	1,3,4	A 63 H 17/00
Y	DE-A-1 478 725 (TSUNODA, ICHIRO, TOKIO) * Page 11, lines 9-12; figures 4,5 *	1,3,4	
A	US-A-3 744 182 (T. TERZIAN) * Abstract *		
A	FR-A-2 472 401 (K. ASANO) * Claim 1; figure 1 *	7	
A,D	JP-B-54 016 780 * Figures 2,3 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A 63 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08-11-1984	Examiner EHRSAM F.J.A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

