

EUROPEAN PATENT APPLICATION

Application number: 88107685.5

Int. Cl.⁵: **A63H 31/00 , A63H 19/28**

Date of filing: 13.05.88

Priority: 17.12.87 IT 2307587

Applicant: **RIVAROSSI NUOVA GESTIONE S.p.A.**
 Via Pio XI, 157/159
 I-22100 Como(IT)

Date of publication of application:
 21.06.89 Bulletin 89/25

Inventor: **Rossi, Alessandro**
 Piazza Castello, 7
 I-20121 Milano(IT)

Designated Contracting States:
CH DE ES FR GB LI

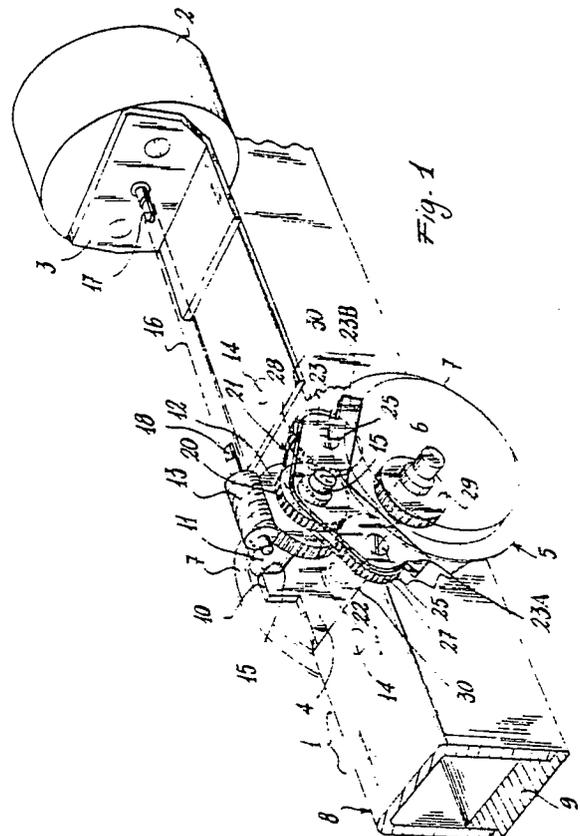
Date of deferred publication of the search report:
 28.03.90 Bulletin 90/13

Representative: **Luksch, Giorgio, Dr.-Ing. et al**
Ing. A. Giambrocono & C. S.r.l. Via Rosolino Pilo, 19/b
 I-20129 Milano(IT)

Transmission for model or toy motorised rail vehicles.

In a transmission comprising an electric motor (2) driving at least one axle (6) assembly of the model or toy rail vehicle (locomotive or the like) by way of a worm (13) and gear wheels (27, 28), the presence of at least one rocker arm (21) supported under friction on a shaft of at least one of the gear wheels, said gear wheel (20) being engaged with a pair of gear wheels supported by the rocker arm and selectively, according to the direction of rotation of the motor, engaging an output gear wheel which transmits motion to the rail vehicle axle.

On stoppage of the motor, the rail vehicle runs on under inertia by disengaging from the output gear wheel the corresponding gear wheel carried by the rocker arm.



EP 0 320 563 A3



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	DE-B-1 197 365 (TIPP & CO.) * Column 3, lines 34-60; figures 1,2 * ---	1-4	A 63 H 31/00 A 63 H 19/28
Y	DE-B-1 092 356 (ERNST) * Column 4, lines 33-65; figures 2,4,5 *	1-4	
A	CH-A- 250 930 (GYGLY) * Description; figure * -----	5,6	
			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 12-12-1989	Examiner VANRUNXT J.M.A.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			