

Title (en)  
SELF-ALIGNING TOY CAR USING INERTIAL ENERGY

Title (de)  
SPIELZEUGAUTO MIT NEIGUNGSAusGLEICH UNTER VERWENDUNG VON TRÄGHEITSENERGIE

Title (fr)  
VEHICULE-JOUE A ALIGNEMENT AUTOMATIQUE ET A ENERGIE INERTIELLE

Publication  
**EP 1488835 B1 20060719 (EN)**

Application  
**EP 02718223 A 20020322**

Priority  
ES 0200150 W 20020322

Abstract (en)  
[origin: EP1488835A1] The toy vehicle (1) consists of an upper body (2) and a chassis (3) between which an inertia ball (5) is trapped which rolls over the surface (8) when the toy vehicle (1) is briefly pushed manually. <??>The kinetic rolling energy accumulated in the inertia ball (5) is transmitted after the chassis (3) is pushed by one or two points of contact which the inertia ball (5) has on the front edge of a polygonal opening (4) in the chassis (3) which is positioned in front of the vehicle's centre of resistance, defined by the friction forces acting on the wheels (6). <IMAGE>

IPC 8 full level  
**A63H 29/08** (2006.01); **A63H 17/00** (2006.01); **A63H 17/36** (2006.01)

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**A63H 17/36** (2013.01); **A63H 29/08** (2013.01)

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