

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

Title (de)
SPIELZEUGAUTO MIT NEIGUNGSAusGLEICH UNTER VERWENDUNG VON TRÄGHEITSENERGIE

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

Publication
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Application
EP 02718223 A 20020322

Priority
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Abstract (en)
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>

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IPC 8 full level
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