

Title (en)

Toy car following a track

Title (de)

Spielfahrzeug, das spurgeführt auf einer Bahn betrieben wird

Title (fr)

Véhicule-jouet guidé sur un tracé

Publication

EP 1683559 B1 20120321 (DE)

Application

EP 06000775 A 20060114

Priority

DE 102005002612 A 20050120

Abstract (en)

[origin: EP1683559A1] The toy is operated to follow a track and by a current collector having a metallic bus bar mechanism cooperates with the track. The toy is moved by an electric motor and for the optimized traction a magnet is provided, which is directed toward the bus bar mechanism of the track. The magnetic field strength of the magnet (22) is impacted as a function of driving conditions of the vehicle propelled by the electric motor (16). The magnet is accessed for the operating current of the electric motor. The magnet is connected by conductors (23, and 24) with the electric motor. An independent claim is included for a method.

IPC 8 full level

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CPC (source: EP US)

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