

Title (en)
Toy vehicle with adjustable magnetic attraction

Title (de)
Spielfahrzeug mit verstellbarer Magnethaftung

Title (fr)
Véhicule jouet avec attraction magnétique ajustable

Publication
EP 1120144 B1 20040804 (DE)

Application
EP 00128684 A 20001229

Priority
DE 10003557 A 20000127

Abstract (en)
[origin: CA2332411A1] The invention relates to a toy car with adjustable magnetic adhesion for an auto racetrack having ferromagnetic current conductors countersunk in the roadbed. The conductors are in active communication with a permanent magnet countersunk in the chassis of the toy car. The permanent magnet is shiftable in the chassis along an inclined plane in order to adjust the clearance between permanent magnet and the current conductors. According to the invention, the permanent magnet can be shifted along a ferromagnetic holding plate oriented at an angle relative to the roadway plans. The plate is received in a retaining means formed in one piece with the chassis. The underside of the retaining means contains two guide rails, along which the permanent magnet can be shifted.

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A63H 18/16

IPC 8 full level
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CPC (source: EP US)
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Cited by
US7517272B2; US7749046B2; US7628673B2; US7549906B2

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