

Title (en)

WHEELED TOY VEHICLE FOLLOWING A FERROMAGNETIC CONDUCTING TRACK

Publication

EP 0110386 B1 19880518 (DE)

Application

EP 83111977 A 19831129

Priority

DE 3244100 A 19821129

Abstract (en)

[origin: EP0110386A2] Rolling miniature model (1) moving on a ferromagnetic guiding track (7), such as a railway vehicle or a motor vehicle, provided with at least one permanent magnet (2) arranged under the miniature model and at a certain distance over the guiding track (7); the permanent magnet or magnets (2) are discretely arranged in/on the specific imitating parts of the vehicle which are situated under the miniature model (1), such as the accessories (5, 6) and/or the wheels (8) and/or the bogies, respectively the chassis, etc.; those magnets may also constitute the imitations. This measures greatly improve the adherence of the wheels (8) to the guiding circuit, respectively to the track (7), and this in the most discrete possible way, reduce the risk of derailment of the miniature model and eliminate the skidding of the wheels (8) on the tracks (7) when climbing.

IPC 1-7

A63H 18/10

IPC 8 full level

A63H 18/14 (2006.01); **A63H 18/10** (2006.01); **A63H 19/00** (2006.01); **A63H 19/22** (2006.01); **A63H 18/16** (2006.01)

CPC (source: EP)

A63H 18/10 (2013.01); **A63H 19/00** (2013.01); **A63H 2018/165** (2013.01)

Citation (examination)

- DE 1806055 U 19600211 - JELINECK KARL S [MA]
- Techniques de l'Ingénieur, Partie D. 176-16

Cited by

EP0525657A1; DE3941093C1; GB2518058A; DE4217515A1

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EP 0110386 A2 19840613; **EP 0110386 A3 19840718**; **EP 0110386 B1 19880518**; AT E34309 T1 19880615; AU 2335184 A 19840618; DE 3343194 A1 19840628; DE 3376629 D1 19880623; EP 0126756 A1 19841205; JP S60500361 A 19850322; WO 8402084 A1 19840607

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