

Title (en)

Magnetic drive system for models

Title (de)

Magnetischen Antriebssystem für Modelle

Title (fr)

Système d'entraînement magnétique pour des modeles reduit

Publication

EP 1759748 A3 20070321 (DE)

Application

EP 06016547 A 20060808

Priority

DE 202005013410 U 20050825

Abstract (en)

[origin: EP1759748A2] The drive has a driving carriage, in which several sturdier permanent magnets (8) are inserted, where magnets are kept under a guide rail (4). A model vehicle (1) is set in front of a small flat permanent magnet (2) on the top side of a roadway, and sufficient magnetic force is exerted between the magnets (2, 8). The guide rail is attached underneath a base plate (3) and openings of guide grooves (5) are pointed downward of the plate.

IPC 8 full level

A63H 18/14 (2006.01); **A63H 18/10** (2006.01); **A63H 18/12** (2006.01); **A63H 33/26** (2006.01)

CPC (source: EP)

A63H 18/10 (2013.01); **A63H 18/14** (2013.01)

Citation (search report)

- [A] DE 2630321 A1 19780112 - BALKE HARTMUT
- [A] US 3099104 A 19630730 - PAUL RUDOLF
- [A] DE 3525350 C1 19870402 - PEYLO ERHARD DIPL-ING
- [A] US 2239395 A 19410422 - MARION MALLORY

Cited by

DE202018006389U1; DE102018105622A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1759748 A2 20070307; **EP 1759748 A3 20070321**; **EP 1759748 B1 20090415**; AT E428476 T1 20090515; DE 202005013410 U1 20051027; DE 502006003421 D1 20090528

DOCDB simple family (application)

EP 06016547 A 20060808; AT 06016547 T 20060808; DE 202005013410 U 20050825; DE 502006003421 T 20060808