

Title (en)

Toy vehicle with friction wheel drive

Title (de)

Fahrspielzeug mit Reibradantrieb

Title (fr)

Véhicule-jouet comprenant une roue d'entraînement à friction

Publication

EP 0933106 A3 20010103 (DE)

Application

EP 99102112 A 19990203

Priority

DE 19804292 A 19980204

Abstract (en)

[origin: EP0933106A2] The motor drive wheels (7, 8) are in direct frictional contact with the driven rear wheels (2, 3) of the vehicle. The vehicle motor (6) is powered by electricity supplied via brushes (19, 20) in contact with rail extending the length of the track.

IPC 1-7

A63H 31/04; **A63H 17/26**

IPC 8 full level

A63H 17/26 (2006.01); **A63H 31/04** (2006.01); **A63H 18/16** (2006.01)

CPC (source: EP US)

A63H 31/04 (2013.01 - EP US); **A63H 2018/165** (2013.01 - EP US)

Citation (search report)

- [A] US 3553886 A 19710112 - HAMILTON HARRY M
- [A] DE 3047070 A1 19820715 - BARTELS WILLY DIPL ING

Cited by

DE102004011933B4; US7445540B2; US7311582B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0933106 A2 19990804; **EP 0933106 A3 20010103**; **EP 0933106 B1 20030813**; AT E246947 T1 20030815; DE 19804292 A1 19990805; DE 59906548 D1 20030918; ES 2202938 T3 20040401; US 6062943 A 20000516

DOCDB simple family (application)

EP 99102112 A 19990203; AT 99102112 T 19990203; DE 19804292 A 19980204; DE 59906548 T 19990203; ES 99102112 T 19990203; US 24415799 A 19990204