

Title (en)
Improvements in toy electric cars which can travel on tracks with guide grooves

Title (de)
Elektrische Spielzeugautos für Fahrbahnen mit Führungsnuten

Title (fr)
Voitures-jouets électriques pour circuits équipés de rainures de guidage

Publication
EP 0786277 B1 20011004 (EN)

Application
EP 97500020 A 19970124

Priority
ES 9600166 A 19960125

Abstract (en)
[origin: EP0786277A1] Retaining the same electric propulsion micromotor (6), and retaining the conventional rear-wheel drive, that is to say the axle (2) as live axle, they consist in displacing the said electric micromotor (6) towards the forward end of the chassis (1), locating it immediately behind the guide mechanism (8), specifically between the front wheels (7) of the car, for which purpose the output shaft (15) of the micromotor (6) is coupled to an extender rod (14) which via its back and free end terminates in the corresponding driving pinion (5) for the crown wheel (4) of the live axle. This entails a substantial forward shift of the centre of gravity of the car, which improves the stability of the guide mechanism (8) on the corresponding groove of the track. <IMAGE>

IPC 1-7
A63H 1/00; **A63H 18/12**; **A63H 17/26**

IPC 8 full level
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CPC (source: EP)
A63H 17/262 (2013.01); **A63H 18/12** (2013.01)

Cited by
FR2960157A1; FR2960158A1; GB2358360A; GB2358360B; US7311582B2

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