

Title (en)

Toy car, especially tractor with at least two steerable wheels

Title (de)

Spielfahrzeug, insbesondere Traktor, mit wenigstens zwei lenkbaren Rädern

Title (fr)

Véhicule-jouet, notamment tracteur avec au moins deux roues directrices

Publication

**EP 1563883 B1 20070110 (DE)**

Application

**EP 04026964 A 20041112**

Priority

DE 202004001973 U 20040210

Abstract (en)

[origin: US2005176344A1] In a toy vehicle, in particular tractor, comprising at least two steerable wheels, with a pivoting motion of a steering wheel being converted via a steering gear into a pivoting motion of a bolster, with wheels being mounted on steering knuckles that are pivotably mounted on a front axle, and with the pivoting motion that is occasioned by a steering job pivoting steering pivot pins and thus the wheels via a track rod and via steering drop arms, it is provided, with a view to accomplishing the extreme wheel turning found in full size tractors also in a toy vehicle, mechanical conversion being put into practice in as simple and functionally safe a way and at as low a cost as possible, that the front axle is connected to a first end of the bolster; that the steering gear is formed on a second end of the bolster; that the bolster, between the first and the second end, comprises a pivot bearing for a pivoting motion relative to the chassis to be obtained; and that the track rod centrally comprises a pivot bearing which is stationary relative to the chassis.

IPC 8 full level

**A63H 17/26** (2006.01); **A63H 17/36** (2006.01); **A63H 17/38** (2006.01)

CPC (source: EP US)

**A63H 17/262** (2013.01 - EP US); **A63H 17/36** (2013.01 - EP US); **A63H 17/38** (2013.01 - EP US)

Cited by

EP2476470A1; EP2586507A1

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DOCDB simple family (publication)

**DE 202004001973 U1 20040415**; DE 502004002617 D1 20070222; EP 1563883 A1 20050817; EP 1563883 B1 20070110; US 2005176344 A1 20050811; US 7008291 B2 20060307

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