

Title (en)  
Toy vehicle component and toy vehicle

Title (de)  
Spielzeug-Baugruppe sowie Spielfahrzeug

Title (fr)  
Module de véhicule-jouet et véhicule-jouet

Publication  
**EP 2351605 A3 20150304 (DE)**

Application  
**EP 10188133 A 20101020**

Priority  
DE 202010001555 U 20100129

Abstract (en)  
[origin: EP2351605A2] The assembly (17) has a connecting end (19) for mounting a telescopic loading arm (18) at a frame (20) of the toy assembly, and an actuating device (21) for adjusting a loading arm-incident angle ( $\alpha$ ) for lifting free ends of the loading arm. A spindle (22) is supported at the frame and stands in drive connection with an actuator (23) to rotate around a spindle axis (24). A loading arm fixed connecting rod (27) cooperates with a guiding element (26) of a spindle nut (25) for guiding the connecting rod.

IPC 8 full level  
**A63H 17/00** (2006.01); **A63H 17/12** (2006.01); **A63H 17/38** (2006.01)

CPC (source: EP US)  
**A63H 17/12** (2013.01 - EP US); **A63H 17/36** (2013.01 - US); **A63H 17/38** (2013.01 - EP US)

Citation (search report)

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- [A] US 3653147 A 19720404 - ZBIKOWSKI THEODORE H, et al
- [A] FR 1113436 A 19560329
- [A] FR 1580571 A 19690905
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- [A] JP S4913849 A 19740206
- [A] JP 2007089787 A 20070412 - HOZUMI MASAHIITO

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DE202013000582U1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202010001555 U1 20100408**; EP 2351605 A2 20110803; EP 2351605 A3 20150304; EP 2351605 B1 20161012; EP 3120905 A1 20170125; EP 3120905 B1 20180117; ES 2604330 T3 20170306; ES 2662249 T3 20180405; PL 3120905 T3 20180629; US 2011189923 A1 20110804; US 2014220858 A1 20140807; US 8734199 B2 20140527; US 9566533 B2 20170214

DOCDB simple family (application)  
**DE 202010001555 U 20100129**; EP 10188133 A 20101020; EP 16182118 A 20101020; ES 10188133 T 20101020; ES 16182118 T 20101020; PL 16182118 T 20101020; US 201414245251 A 20140404; US 89336310 A 20100929