

Title (en)  
CHILDREN'S VEHICLE WITH ROTARY STEERING AND WEIGHT-SHIFT STEERING

Title (de)  
KINDERFAHRGERÄT MIT DREHLENKUNG UND GEWICHTSVERLAGERUNGSLLENKUNG

Title (fr)  
VÉHICULE POUR ENFANTS À GUIDAGE ROTATIF ET GUIDAGE PAR DÉCALAGE DU POIDS

Publication  
**EP 4311400 A1 20240131 (DE)**

Application  
**EP 23722906 A 20230504**

Priority

- AT 503202022 A 20220506
- EP 2023061773 W 20230504

Abstract (en)  
[origin: WO2023213930A1] A children's vehicle comprising a chassis (1) and at least two adjustable wheels (2, 3, 2', 3'), wherein at least one wheel (2, 3, 2', 3') is connected to the chassis (1) via a weight-shift steering mechanism (15) and, upon actuation of the weight-shift steering mechanism (15), can be adjusted in a curve direction (17), wherein the wheels (2, 3, 2', 3') are mounted on at least one wheel-suspension element (5, 8, 5', 8') such that they can be rotated about a respective wheel axle (6, 7, 6', 7'), which wheel-suspension element (5, 8, 5', 8') is mounted on the chassis (1) such that it can be rotated about at least one wheel-suspension axis of rotation (7, 14, 7', 14'), which wheel-suspension axis of rotation (7, 14, 7', 14') is inclined by a degree of inclination in relation to the vertical, and the at least one wheel (2, 3, 2', 3') can be adjusted in the curve direction (17, 18) by means of a rotary steering mechanism (16), wherein a handlebar (12) is coupled to the wheel-suspension element (5, 8, 5', 8') via a coupling system (13).

IPC 8 full level  
**A63C 17/01** (2006.01); **B62D 9/00** (2006.01); **B62K 3/00** (2006.01); **B62K 5/08** (2006.01); **B62K 5/10** (2013.01); **B62K 9/02** (2006.01)

CPC (source: AT EP)  
**B62D 7/144** (2013.01 - AT); **B62K 3/002** (2013.01 - EP); **B62K 5/00** (2013.01 - AT); **B62K 5/08** (2013.01 - EP); **B62K 5/10** (2013.01 - EP); **B62K 9/00** (2013.01 - AT); **B62K 9/02** (2013.01 - EP)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2023213930 A1 20231109**; AT 526169 A1 20231115; CN 117729963 A 20240319; EP 4311400 A1 20240131

DOCDB simple family (application)  
**EP 2023061773 W 20230504**; AT 503202022 A 20220506; CN 202380013068 A 20230504; EP 23722906 A 20230504