

Title (en)

REAR AXLE FOR A TWO-TRACK VEHICLE AND TWO-TRACK VEHICLE WITH A REAR AXLE

Title (de)

HINTERACHSE FÜR EIN ZWEISPURIGES FAHRZEUG UND ZWEISPURIGES FAHRZEUG MIT EINER HINTERACHSE

Title (fr)

ESSIEU ARRIÈRE D'UN VÉHICULE À DEUX VOIES ET VÉHICULE À DEUX VOIES COMPRENANT UN ESSIEU ARRIÈRE

Publication

EP 3966053 A1 20220316 (DE)

Application

EP 20724061 A 20200504

Priority

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- EP 2020062274 W 20200504

Abstract (en)

[origin: WO2020225191A1] A rear axle (100) for a two-track vehicle, the rear axle (100) having a first longitudinal link (102), a first wheel carrier (104) with a first wheel centre (106) and a first longitudinal strut (110), forming a first coupling mechanism that is effective in a longitudinal direction of the vehicle and/or vertical direction of the vehicle, a second longitudinal link, a second wheel carrier with a second wheel centre and a second longitudinal strut, forming a second coupling mechanism that is effective in a longitudinal direction of the vehicle and/or vertical direction of the vehicle, and a crossmember (114) which is connected fixedly to the first longitudinal link (102) and to the second longitudinal link and has a shear centre, wherein the first coupling mechanism has a first instantaneous centre of rotation (124) located on the front side and above the first wheel centre (106) and the second coupling mechanism has a second instantaneous centre of rotation located on the front side and above the second wheel centre, and a two-track vehicle with a chassis or an underbody, wherein the vehicle has such a rear axle (100) arranged on the chassis or on the underbody.

IPC 8 full level

B60G 21/05 (2006.01)

CPC (source: EP US)

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