

Title (en)

SUSPENSION SYSTEM FOR TRACKED VEHICLES AND A TRACKED VEHICLE WITH A SUSPENSION SYSTEM

Title (de)

FEDERUNGSSYSTEM FÜR RAUPENFAHRZEUGE UND RAUPENFAHRZEUG MIT EINEM FEDERUNGSSYSTEM

Title (fr)

SYSTÈME DE SUSPENSION POUR DES VÉHICULES À CHENILLES ET VÉHICULE À CHENILLES DOTÉ D'UN SYSTÈME DE SUSPENSION

Publication

EP 2991891 A1 20160309 (EN)

Application

EP 14791592 A 20140423

Priority

- SE 1350524 A 20130429
- SE 2014050485 W 20140423

Abstract (en)

[origin: WO2014178772A1] The invention relates to a suspension system (2; 102) for a tracked vehicle (1) of the type, comprising support wheels (4) arranged on opposite sides of the vehicle (1) for contact against the inside of a respective endless drive track (6), the support wheels (4) being rotatably journaled at an outer end of a respective rocker arm (8), which at its inner end to a limited extent is pivotably journaled in the side of a vehicle body (10) of the vehicle (1). The rocker arm (8) comprises a first pivot axis (12), which extends transversely to the longitudinal extent of the vehicle (1), wherein a first torsion element (14) is rotationally fixed to the first pivot axis (12) and which first torsion element (14) is arranged to be fixedly fastened in the side of the vehicle body (10). A support device (11; 111) is arranged to cooperate with the rocker arm (8) to relieve the first torsion element (14). The invention also relates to a tracked vehicle (1) for such a suspension system (2, 102).

IPC 8 full level

B62D 55/108 (2006.01); **B60G 3/14** (2006.01); **B60G 3/20** (2006.01); **B60G 7/00** (2006.01); **B60G 7/04** (2006.01); **B60G 11/24** (2006.01); **B60G 99/00** (2010.01); **B62D 55/15** (2006.01); **F16F 1/48** (2006.01); **F16F 15/08** (2006.01)

CPC (source: EP SE)

B60G 3/14 (2013.01 - EP); **B60G 3/207** (2013.01 - EP); **B60G 7/001** (2013.01 - EP); **B60G 7/04** (2013.01 - EP); **B60G 11/24** (2013.01 - EP); **B60G 99/004** (2013.01 - EP); **B62D 55/108** (2013.01 - SE); **B62D 55/1083** (2013.01 - EP); **B62D 55/15** (2013.01 - EP); **F16F 1/48** (2013.01 - EP); **F16F 15/08** (2013.01 - EP); **B60G 3/207** (2013.01 - SE); **B60G 2200/132** (2013.01 - EP); **B60G 2202/13** (2013.01 - EP); **B60G 2202/1424** (2013.01 - EP); **B60G 2202/144** (2013.01 - EP); **B60G 2204/122** (2013.01 - EP); **B60G 2204/125** (2013.01 - EP); **B60G 2204/14** (2013.01 - EP); **B60G 2204/4232** (2013.01 - EP); **B60G 2300/32** (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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014178772 A1 20141106; EP 2991891 A1 20160309; EP 2991891 A4 20161221; SE 1350524 A1 20141030; SE 537037 C2 20141216; SG 11201508101U A 20151029

DOCDB simple family (application)

SE 2014050485 W 20140423; EP 14791592 A 20140423; SE 1350524 A 20130429; SG 11201508101U A 20140423