

Title (en)  
RUNNING GEAR FOR A RAIL VEHICLE

Title (de)  
FAHRWERK FÜR EIN SCHIENENFAHRZEUG

Title (fr)  
TRAIN DE ROULEMENT POUR UN VÉHICULE FERROVIAIRE

Publication  
**EP 3752402 A1 20201223 (DE)**

Application  
**EP 18716932 A 20180327**

Priority  
EP 2018057720 W 20180327

Abstract (en)  
[origin: WO2019185119A1] The invention relates to running gear for a rail vehicle, comprising at least one first drive unit (1), at least one running gear frame and at least one wheelset, wherein the at least first drive unit (1) is supported by means of a first spring device (2) and a second spring device (3) on a first wheelset bearing housing (4) or on a first swing arm and by means of a third spring device and a fourth spring device on a second wheelset bearing housing or on a second swing arm. It is advantageous that at least one first damper device (5), which is arranged between the first wheelset bearing housing (4) or the first swing arm and the at least one drive unit (1), is connected in parallel with the first spring device (2), the second spring device (3), the third spring device and the fourth spring device, said damping device (5) having a damper and, connected in series therewith, a first stop buffer (6) and a second stop buffer (7). This results in a space-saving drive bearing having effective suspension and damping.

IPC 8 full level  
**B61C 9/48** (2006.01); **B61C 9/50** (2006.01); **B61F 3/04** (2006.01); **B61F 5/32** (2006.01)

CPC (source: EP US)  
**B61C 9/50** (2013.01 - EP); **B61F 3/04** (2013.01 - EP US); **B61F 5/308** (2013.01 - US); **B61F 5/325** (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 2019185119 A1 20191003**; CN 112533814 A 20210319; CN 112533814 B 20231107; EP 3752402 A1 20201223; EP 3752402 B1 20220323; ES 2909654 T3 20220509; US 12030532 B2 20240709; US 2021094591 A1 20210401

DOCDB simple family (application)  
**EP 2018057720 W 20180327**; CN 201880093962 A 20180327; EP 18716932 A 20180327; ES 18716932 T 20180327; US 201817042073 A 20180327