

Title (en)
RAILWAY VEHICLE BOGIE

Title (de)
FAHRGESTELL EINES SCHIENENFAHRZEUGS

Title (fr)
BOGIE DE VÉHICULE FERROVIAIRE

Publication
EP 3838706 B1 20220309 (FR)

Application
EP 20214408 A 20201216

Priority
FR 1914569 A 20191217

Abstract (en)
[origin: CN112977519A] The present application relates to a bogie for a railway vehicle, comprising: a) two pairs of wheels (12), the wheels (12) of each pair being connected to each other by an axle structure (14); b) an articulating frame (18), each axle structure (14) being connected to said frame (18) by means of a main suspension device (20); and c) a secondary suspension device (22) carried on the frame (18) and comprising at least one leveling valve (26). For at least one of the wheels (12), a wear detection member (30) of the wheel (12) and a mechanical connection (34) between the leveling valve (26) and the wear detection member (30). The mechanical connection is used for transmitting the displacement of the wear detection member to the leveling valve so as to control the existing pressure in the secondary suspension device (22) to be increased or decreased.

IPC 8 full level
B61F 5/22 (2006.01); **B61K 9/12** (2006.01)

CPC (source: CN EP)
B61F 5/22 (2013.01 - EP); **B61F 5/24** (2013.01 - CN); **B61F 5/50** (2013.01 - CN); **B61K 9/12** (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

DOCDB simple family (publication)
EP 3838706 A1 20210623; **EP 3838706 B1 20220309**; CN 112977519 A 20210618; ES 2914889 T3 20220617; FR 3104525 A1 20210618; FR 3104525 B1 20220506; JP 2021095129 A 20210624

DOCDB simple family (application)
EP 20214408 A 20201216; CN 202011486076 A 20201216; ES 20214408 T 20201216; FR 1914569 A 20191217; JP 2020208440 A 20201216