

Title (en)
BOGIE AND RAIL VEHICLE

Title (de)
DREHGESTELL UND SCHIENENFAHRZEUG

Title (fr)
BOGIE ET VÉHICULE FERROVIAIRE

Publication
EP 4008601 A4 20230111 (EN)

Application
EP 19940450 A 20191112

Priority
• CN 201910712176 A 20190802
• CN 2019117600 W 20191112

Abstract (en)
[origin: EP4008601A1] Provided are a bogie and a rail vehicle. The bogie comprises: two wheel sets arranged in parallel, the wheel set comprising an axle (11) and two wheels (12) symmetrically arranged on the axle (11); two side beams (2) spanning over the two wheel sets, the two side beams (2) being parallel with each other; axle boxes (13) arranged on the wheel sets, located under the side beams (2), and configured to support the side beams (2); two connection bases (3) each arranged at a middle part of one side beam (2); and a traction device (4) connected between the two connection bases (3), the traction device (4) being further configured to be connected to a vehicle body. The bogie and the rail vehicle can reduce the assembly difficulty of the bogie.

IPC 8 full level
B61F 5/08 (2006.01); **B61F 5/20** (2006.01); **B61F 5/30** (2006.01); **B61F 5/52** (2006.01)

CPC (source: CN EP)
B61F 5/08 (2013.01 - EP); **B61F 5/20** (2013.01 - EP); **B61F 5/302** (2013.01 - EP); **B61F 5/305** (2013.01 - EP); **B61F 5/52** (2013.01 - CN EP)

Citation (search report)
• [X] EP 2944534 A1 20151118 - KAWASAKI HEAVY IND LTD [JP]
• [X] DE 69202552 T2 19951130 - FIREMA RICERCHE SRL [IT]
• [X] CN 105313913 A 20160210 - CHANGCHUN RAILWAY VEHICLES CO
• [X] CN 102923153 A 20130213 - CSR QINGDAO SIFANG LOCOMOTIVE
• [XY] EP 2202127 A2 20100630 - HITACHI LTD [JP]
• [Y] CN 104527661 A 20150422 - CSR QINGDAO SIFANG CO LTD
• See also references of WO 2021022709A1

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 4008601 A1 20220608; **EP 4008601 A4 20230111**; CN 112298249 A 20210202; CN 112298249 B 20220517; WO 2021022709 A1 20210211

DOCDB simple family (application)
EP 19940450 A 20191112; CN 201910712176 A 20190802; CN 2019117600 W 20191112