

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
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CPC (source: CN EP)
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Citation (search report)
• [X] EP 2944534 A1 20151118 - KAWASAKI HEAVY IND LTD [JP]
• [X] DE 69202552 T2 19951130 - FIREMA RICERCHÉ 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)
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EP 4008601 A1 20220608; EP 4008601 A4 20230111; CN 112298249 A 20210202; CN 112298249 B 20220517; WO 2021022709 A1 20210211

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