

Title (en)

PRIMARY SUSPENSION DEVICE, BOGIE AND RAILWAY VEHICLE

Title (de)

PRIMÄRE AUFHÄNGUNGSVORRICHTUNG, DREHGESTELL UND SCHIENENFAHRZEUG

Title (fr)

DISPOSITIF DE SUSPENSION PRIMAIRE, BOGIE ET VÉHICULE FERROVIAIRE

Publication

EP 4008600 A4 20220921 (EN)

Application

EP 19942312 A 20191112

Priority

- CN 201910762791 A 20190819
- CN 2019117332 W 20191112

Abstract (en)

[origin: EP4008600A1] Disclosed are a primary suspension device (3), a bogie and a rail vehicle. The bogie comprises: a frame provided with two parallel side beams (1) extending in a longitudinal direction; annular hoops (32) connected to bottom surfaces of end portions of the side beams (1), a centerline of the annular hoop (32) extending in a lateral direction; axle boxes (2), the axle box (2) being located in a space defined by the annular hoop (32), a centerline of the axle box (2) coinciding with the centerline of the annular hoop (32); and a plurality of buffer blocks (31) uniformly arranged between the annular hoops (32) and the axle boxes (2). By means of the primary suspension device (3), the bogie and the rail vehicle according to the invention, the height of the frame can be reduced on the premise that the preset strength and a buffer energy absorption effect are achieved.

IPC 8 full level

B61F 5/30 (2006.01)

CPC (source: CN EP)

B61F 5/308 (2013.01 - CN EP)

Citation (search report)

No further relevant documents disclosed

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